



Outward Foreign Remittance System

by

Mr. Buranachit Chongdarakul

A Final Report of the Three - Credit Course
CS 6998 System Development Project

Submitted in Partial Fulfillment
of the Requirements for the Degree of
Master of Science
in Computer Information Systems
Assumption University

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Academic Year August 4, 2001

The Graduate School of Assumption University has approved this final report of the three-credit course, CS 6998 System Development Project, submitted in partial fulfillment of the requirements for the degree of Master of Science in Computer Information Systems.


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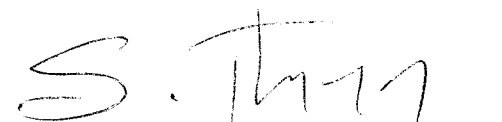
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ABSTRACT

B Bank Public Company Limited has a lot of customers from both local and international branches. In order to improve the money transfer operation of Society Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) system used by the bank, a lot of processes are required and involve several departments. This system development project provides the analysis, design, and implementation of an outward foreign remittance system for banking business. The analysis and design processes cover the problem definitions, study plan, information gathering and analysis of the existing system to solve the problems. The new system can help to reduce the operating costs and time consumption.

The current outward foreign remittance system is based on manual system. All data are stored on hard copies. The existing system requires many staff to operate all documents at the end of business day, which incurs high labor cost.

The new proposed system is developed to replace the existing manual system. The new system is implemented on a local area network (LAN) with a foreign remittance database system. All data are kept in the database server, Microsoft SQL server 7.0, and are accessed by clients equipped with Microsoft Access 2000 on Microsoft Windows 2000 Professional. The new system helps to reduce the number of staffs required in all business operations, solve common problems of manual system, and decrease the high maintenance cost. Moreover, it can support the management in decision making by providing reliable and accurate information and producing both daily and monthly reports.

ACKNOWLEDGEMENTS

The completion of this project is encouraged and contributed by many people. The writer would like to acknowledge their efforts and thank them for their encouragement.

First, the writer wishes to thank Dr. Boonyarit Pokrud, his project advisor for his valuable suggestions, advice and all encouragements given throughout this course work.

The writer wishes to extend his sincere thanks to all other committee members. He is also greatly thankful to Khun Nuchanart Chuechart and her team at Bangkok Bank Public Company Limited for their valuable time in encouraging and providing the writer all the information to analyze the system while carrying out the data collection for this project.

Finally, the writer is greatly thankful to his parents, his friends and all lecturers in the MS (CIS) program for advocating, understanding and supporting him throughout his graduate study.

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I. INTRODUCTION

1.1 Background of the Project

This project has been done according to the requirements of MS(CIS) program, CS 6998 System Development Project, which includes studying and analyzing the problems of the existing system, defining user requirements, and designing the appropriate computerized system for an organization. The project involves replacing the manual system of B Bank Public Company Limited with a computerized system.

Nowadays most activities of all organizations, countries, or individuals have to be concerned with banks. Thus, doing businesses, journey to foreign countries, and especially international money transfer require bank services.

The commercial bank is one of the financial institutions that accepts deposits subject to withdrawal on demand and grants commercial loans that are the basic services of the commercial bank. For the international monetary system, the commercial bank plays a crucial role in international trade and international investment, it provides the facilities for payments across national boundaries.

B Bank Public Company Limited is the commercial bank which has many foreign branches around the world. It provides various services to foreign customers in the same way as domestic branches.

Some international services of B Bank PCL., are as follows:

- (1) Letter of Credit
- (2) Bills for Collection
- (3) Remittance/Demand Draft
- (4) Foreign Exchange etc.

Outward Foreign Remittance is one of the bank services which are provided to customers in order to support transfer of money from Representative Offices throughout the world for various kinds of payment such as purchase of goods, loan investment and school fees. These services are convenient and fast, usually can be completed within 1-3 days by means of S.W.I.F.T/TELEX or Draft.

B Bank Public Company Limited wishes to increase the efficiency of its internal operations in order to serve the customer's needs and to increase its competitive advantages over other banks. Therefore, the technology department is required to develop a computerized system to improve the daily operations.

To maximize the efficiency of daily operation, B Bank PCL. needs to utilize a computer network system to support such operations. With the computer network system, the bank staffs can serve the customers more efficiently. A remitting database management system will also be implemented to support both operation staffs and customers.

1.2 Objectives of the Project

The objectives of development of the Outward Foreign Remittance for B Bank Public Company Limited are as follows:

- (1) To enhance the efficiency of the existing system and control over computing resources including installed hardware.
- (2) To generate a system to manage outward foreign remittance.
- (3) To collect and generate the reports and outstanding balance.
- (4) To increase speed of issuing reports and calculating balance outstanding by using a computerized system.

- (5) To be able to quickly access previous records required.
- (6) To increase the efficiency of Outward Foreign Remittance daily operations.
- (7) To reduce the number of common errors.
- (8) To achieve a reliable outward foreign remittance system.
- (9) To provide prompt results in getting information and to offer efficient services.

1.3 Scope of the Project

This project covers mainly the following parts of Outward Foreign Remittance system.

- (1) Creating a computerized system which provides data accuracy, data validation and fast respond.
- (2) Issue the customer's payment, for example Customer's Receipts, Debit Notes.
- (3) Create daily transaction slips for the Accounting Department and Outward Foreign Remittance.
- (4) Create remitting's reports such as Internal reports and External reports for Bank of Thailand (Legal Reports).
- (5) Create a Database System for efficient usage by the bank.
- (6) Increase the efficiency of the daily operations for the bank staffs.

1.4 Deliverables

The deliverables of this system development project are as follows:

- (1) Design of the database.
- (2) Design of the new system.
- (3) Screen Layouts or Interface for users.
- (4) Report Layouts for users.

1.5 Project Plan

The plan of the project is illustrated in Figure 1.1.



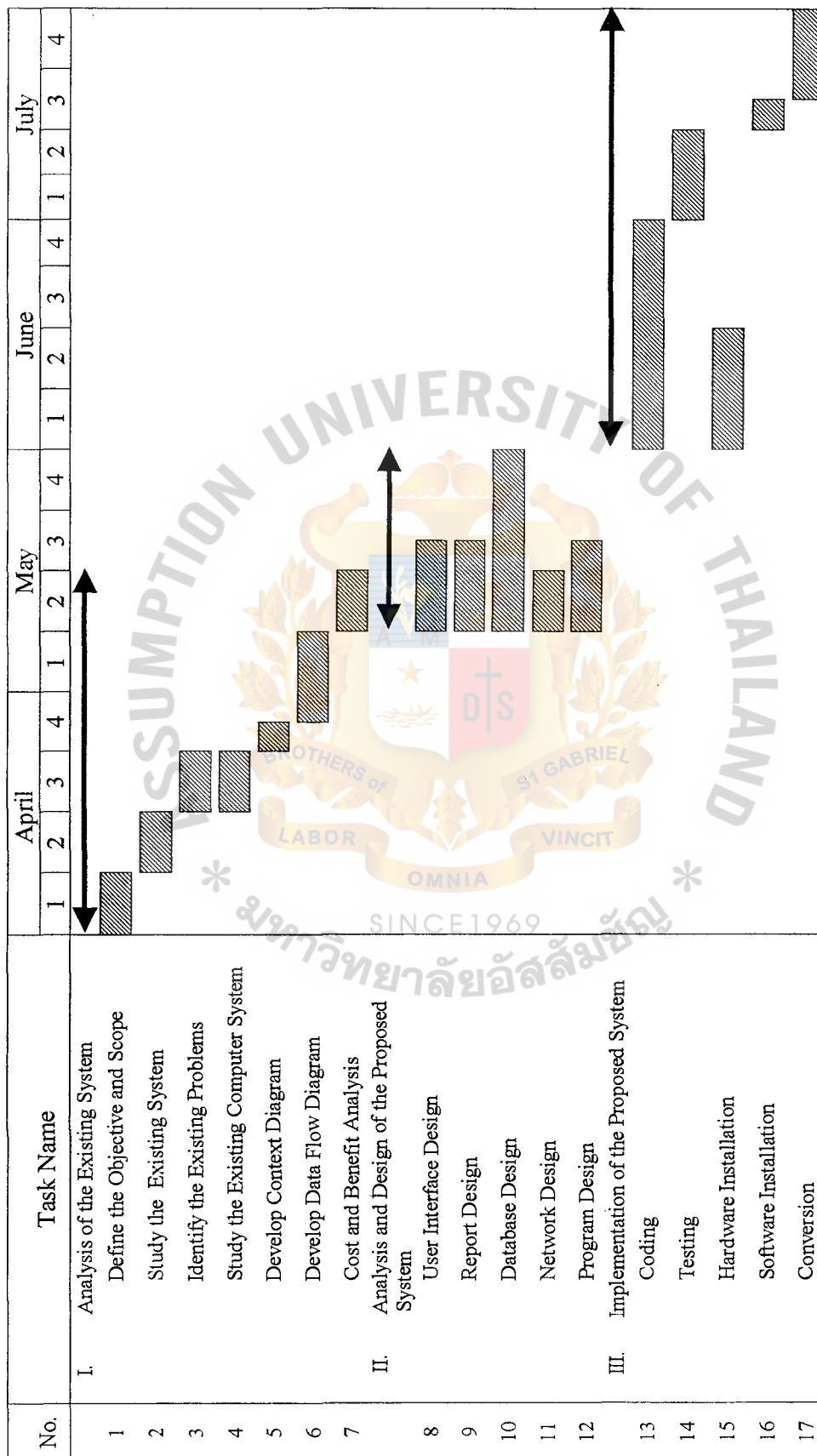


Figure 1.1. Project Plan of Outward Foreign Remittance System.

II. THE EXISTING SYSTEM

2.1 Background of the Organization

The B Bank Public Company Limited was established in 1944 with a registered and paid – up capital of 4.0 million baht and with only 27 employees. The first Head Office is Pubplachai Office, which is located on Suepa Road, Pomprab, Bangkok. The second Head Office is located on Silom Road, Bangrak, Bangkok. As a financial institution, the bank has grown in its assets and deposits. At present, the bank has 525 domestic branches and 22 international branches located in the important metropolitan cities in the Asian region.

The bank's assets and deposits grew at an average rate of 22-27 percent respectively during the past decade. As of December 31, 2000, the total assets amount was 1,183 billion baht and total deposits was 957 billion baht while its outstanding for loan was 568 billion baht.

Due to the fierce competition in international trade among Thailand and other countries in the world, it requires B Bank Public Company Limited to open many international offices in other countries and regions such as Rome, Paris, Berlin, Seattle, Vancouver etc. These international offices play the important roles in providing trade financing facilities and promoting trade between Thailand and its trading partners.

The business goal of B Bank Public Company Limited is to be a “Leader of Banking and Service”. Currently, B Bank PCL. is still the largest commercial bank in Thailand.

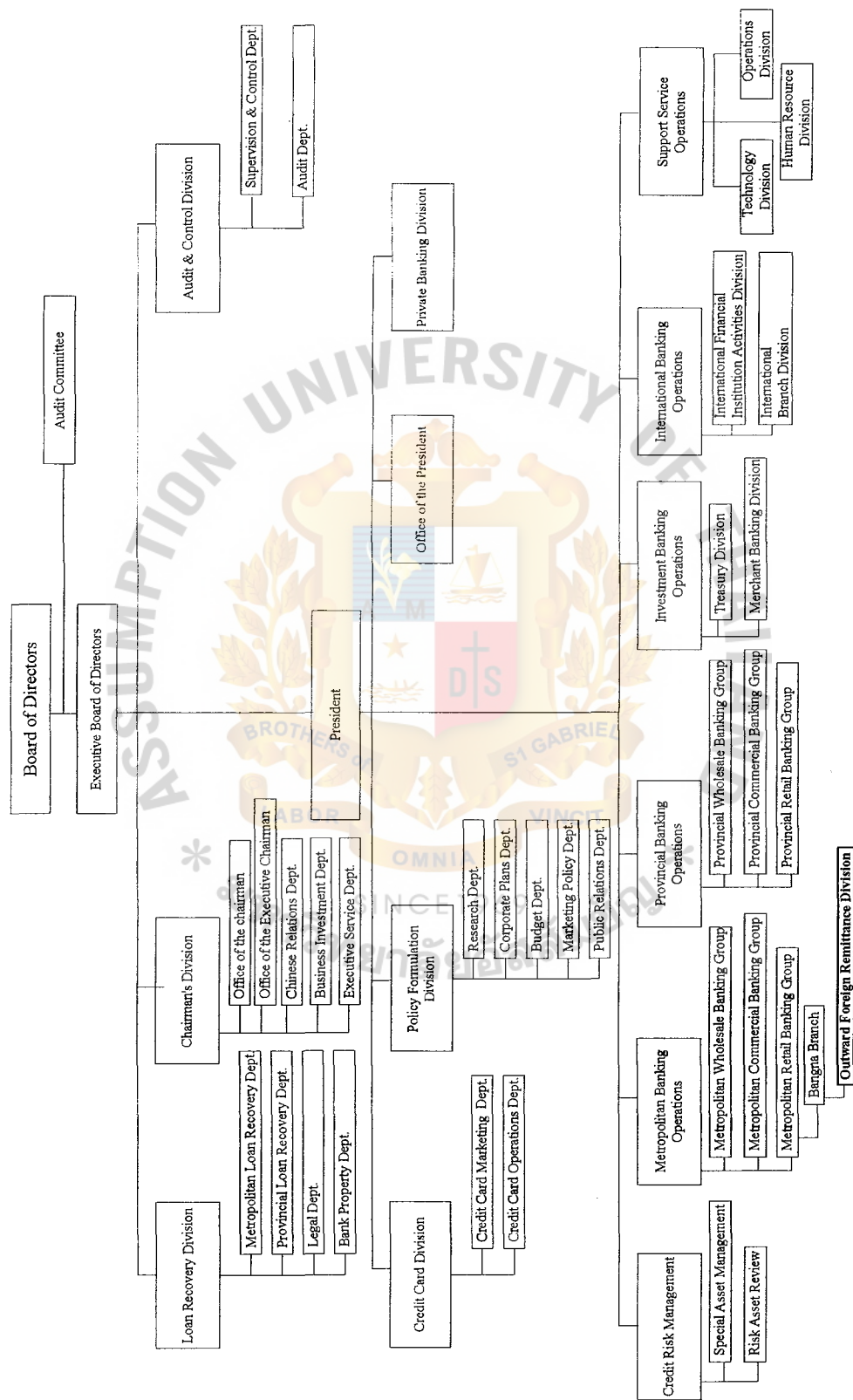


Figure 2.1. Organization Chart of B Bank Public Company Limited.

2.2 Current Problems and Areas of Improvement

The current problems of the existing system of the B Bank Public Company Limited are as follows:

- (1) Flow of work is quite slow due to manual operation, causing great time consumption.
- (2) Many mistakes have occurred in S.W.I.F.T. processing. This leads to lengthy delay.
- (3) Many staffs are needed to process the transactions. This causes too high staff costs.
- (4) The operation staffs have to handle excessive volume of document as the working procedures are done manually.
- (5) The staffs are needed to prepare information documents, or reports for each business day task.
- (6) Data cannot be shared easily among staffs. This leads to the problems of data duplication, data redundancy, and data inconsistency.
- (7) The calculation of commission and payment for the first check is calculated manually, so it is easy to make some mistakes.
- (8) It wastes time to generate the same beneficiary's address, beneficiary's bank and some information.
- (9) It wastes time to wait for the reports from the Account Department.
- (10) It takes too much time to generate the reports.

The following areas of improvement are proposed to solve the above problems:

- (1) The remittance staffs should operate the data entry by typing or keying in the details of customers, S.W.I.F.T., and their document's details only once in the first time. After that if the same customer walk-in, it should be easy for them to retrieve customer's details and any information that have already been kept in the database.
- (2) Data maintenance or Updating the customer's details, S.W.I.F.T details, or any information must be done by the remittance staffs immediately.
- (3) S.W.I.F.T slips and copies for the bank and the customers should be automatically generated.
- (4) Reports for Division Chief and Management people should be automatically generated.

2.3 Existing Business Functions

- (1) A customer requests to transfer funds to the beneficiary by S.W.I.F.T. at outward foreign remittance service and consequently, the customer needs to inquire all of the outward foreign remittance information about the documents that the bank requires; any bank charges, the term of money transfer and daily exchange rate.
- (2) The remittance staff gives the application form for outward foreign remittance enclosed with the terms and conditions of the ordering bank to the customer. Besides, the remittance staff has to explain the Bank of Thailand regulations.

- (3) The customer ought to read understandingly throughout the conditions stipulated by the ordering bank. Then the customer must correctly complete the application form before signing therein likewise, attach the documents to apply.
- (4) The remittance staff accepts the application and the documents to consider the given details in accordance with both the Bank of Thailand regulations and the conditions of the ordering bank before authorized approval.
- (5) Furthermore, the customer has to agree with the exact rate informed by foreign trading department before the remittance staff confirms selling S.W.I.F.T. rate at exact time. The remittance staff will return the application and the documents to the customer for reappraisal of the customer disagrees with the exact rate. Moreover, the documents and the application are incomplete or incorrect.
- (6) The remittance staff calculates the total baht amount payment. Then the remittance staff passes the application to verify the ordering customer's signature in case the customer agrees to debit account.
- (7) The S.W.I.F.T. set is registered by specifying the reference number of S.W.I.F.T., S.W.I.F.T. number, amount, currency, reimbursing bank's name and the ordering customer's name. The remittance staff often looks up the bank identification code for immediate money transfer.
- (8) The S.W.I.F.T. set, the financial S.W.I.F.T. set and the contra slips set are processed completely by the typewriter in each transaction of progress.

- (9) The authorized staff has to examine the correct of output details especially, the S.W.I.F.T. set must be accurate before the authority signs for approval.
- (10) The remittance staff distributes all the slips processed to next process as following. For swift set: the original S.W.I.F.T. and the acknowledged S.W.I.F.T. are sent to S.W.I.F.T. section. As at value date transferred, the original S.W.I.F.T. will have been processed on-line to destination bank abroad by S.W.I.F.T. section. The acknowledged S.W.I.F.T. is sent back to outward foreign remittance for absolute transferred confirmation.
- (11) The customer receipt is sent to the ordering customer. The credit nostro/vostro account S.W.I.F.T. is reported to Liquidity Management Unit. The office copied S.W.I.F.T is kept to the application and the documents for Bank of Thailand examination.
- (12) The financial S.W.I.F.T. slips are grouped as each foreign currency account and baht currency account moreover, calculate the sum of each currency account. Then the sums of financial S.W.I.F.T. slips in each currency account are written down in the foreign controlled sheet and the baht controlled sheet.
- (13) The contra slips are divided into two parts; part one is processed like the financial S.W.I.F.T. slips process; part two is grouped to generate the Bank of Thailand reports and Head Office reports.
- (14) The authorized remittance staff has to check discrepancy between the foreign controlled sheet and the contra controlled sheet of part one as well as the baht controlled sheet.

(15) Finally, both the foreign controlled sheet and the baht controlled sheet are sent to the Account Department. The contra slips of part one are sent to the sub account branch.



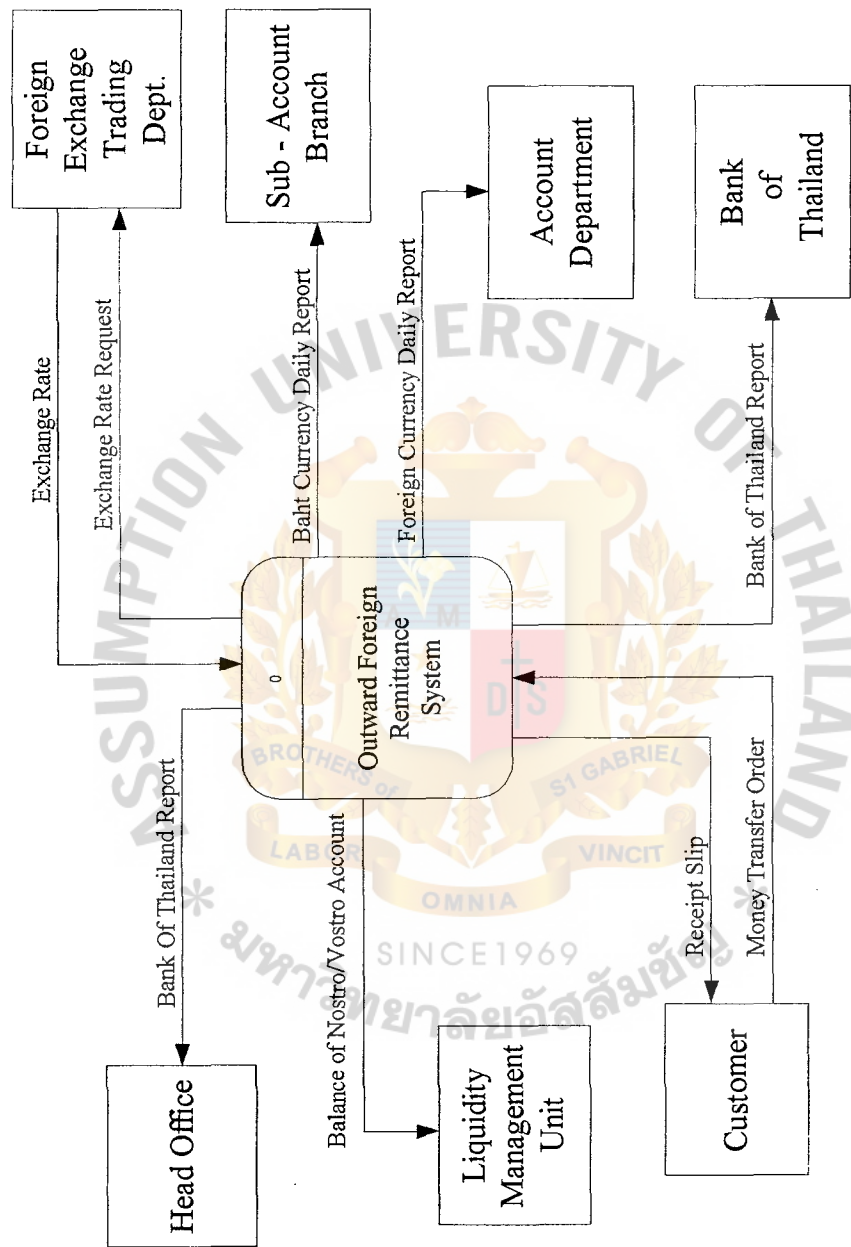


Figure 2.2. Context Level Data Flow Diagram of the Existing Outward Foreign Remittance System.

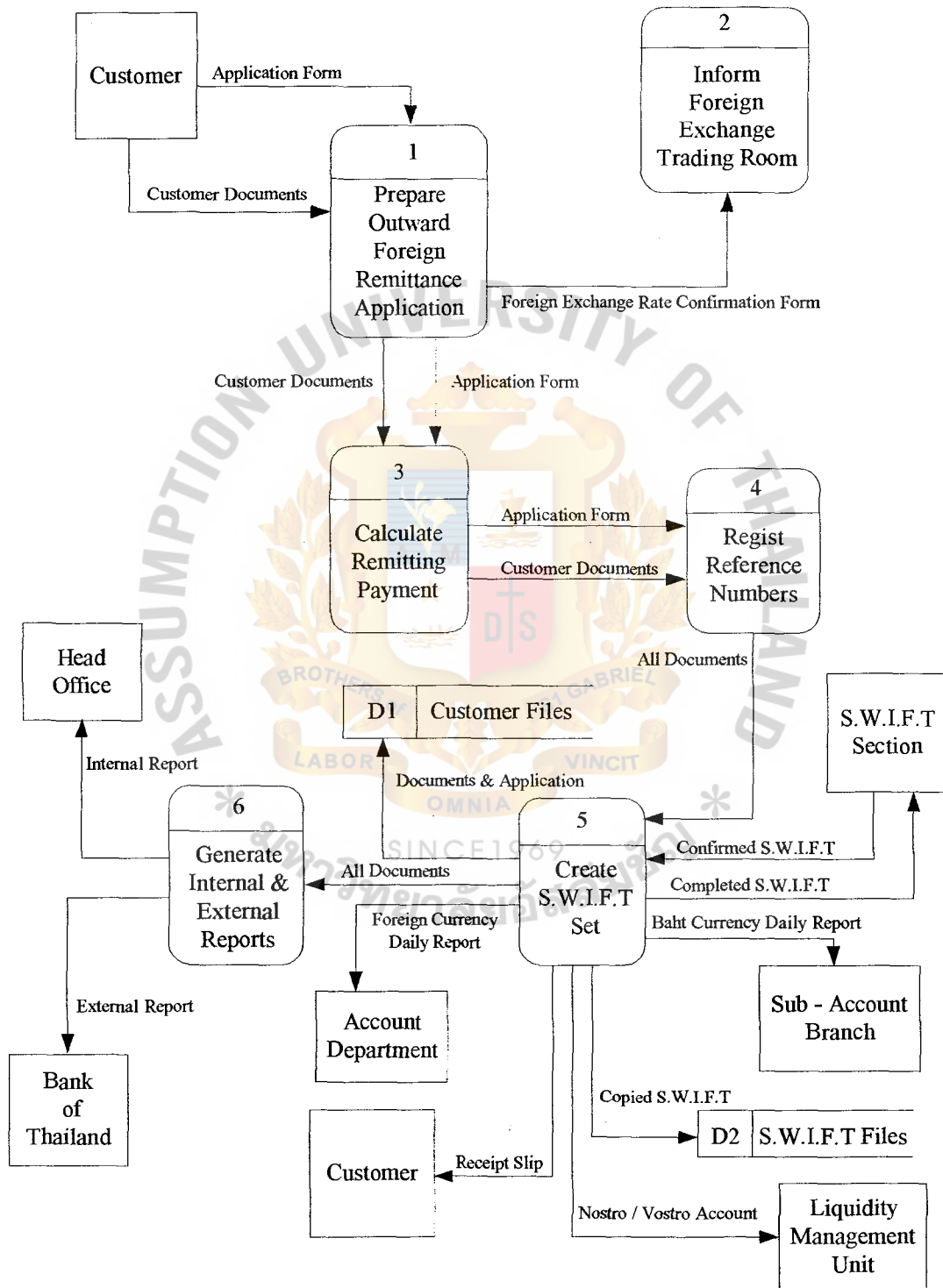


Figure 2.3. Level 0 Data Flow Diagram of the Existing Outward Foreign Remittance System.

III. THE PROPOSED SYSTEM

3.1 System Specifications

Application architecture serves as the framework for general design. It defines the technologies used to build and used in the information systems of the project in terms of Network Architecture, Data Architecture, Interface Architecture, and Process Architecture.

3.1.1 Network Architectures

The Network Architecture of the proposed Outward Foreign Remittance System is illustrated in Figure 3.1 as follows:



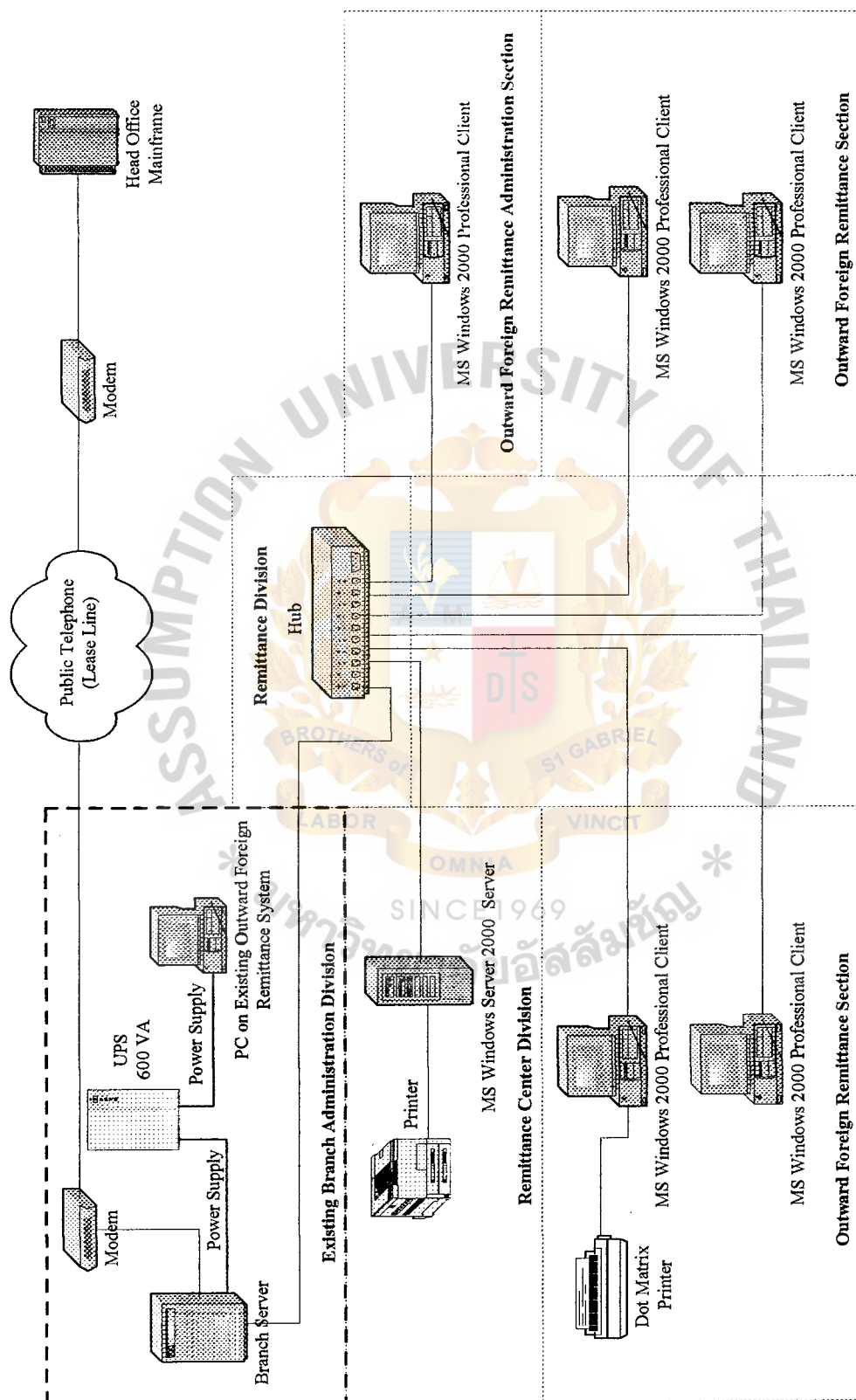


Figure 3.1. Network Architecture of Outward Foreign Remittance System.

The Server has used Database Server and the clients are Personal Computer. This network topology is Star. The server and the client machines, first PC, are installed at Outward Foreign Remittance Administration Section. The second PC to the fifth PC are installed at Outward Foreign Remittance Section. The server is installed at Remittance Center Division.

Network Architecture for the proposed system is Client/Server that mainly consists of a Database Server, and Client machines. Star topology is used to link multiple computers through a computer server. The significant protocols to be used are TCP/IP and IPX. All data are stored in the database server. Some appropriate business logic is programmed to be executed on the server. Some may be downloaded from the server to execute on the client.

User Interfaces are implemented on client. System interfaces will be controlled by the server. All database commands and instructions will be executed on the server. User can retrieve the data from the database via the network. When the system starts processing, all clients will connect to the server. Clients who want to access the data in database, will only send database commands to be executed on the server. Then the result will be sent from the server to the client machine. This can decrease the network traffic because all data are not be sent via the network at the same time but only selected data are sent to client.

3.1.2 Data Architecture

The relational database model is applied to the system. All data will be stored in the table form or relations that are integrated as the relational database. Microsoft SQL

Server is used to handle accesses and maintenance of the stored data and also to facilitate backup recovery and security of data.

The significant database language to be used is Structured Query Language (SQL). The SQL facilitates data definition, query, and update. It is both the Data Definition Language and Data Manipulation Language. It has facilities for defining views on the database that represent the relations, and embedding SQL statements in to the programming language.

3.1.3 Interface Architecture

The suitable Interface Architecture for the Outward Foreign Remittance System is On-line Processing, which provides a conversational dialogue between the user and computer. The business transactions and enquiries are often best processed when they occur. Errors are identified and corrected more quickly, so the On-line Processing is suitable for this system. While the user uses program on the client such as update, create, or delete data in the database, the program will send the database command to the database server to manipulate that data immediately. On-line Processing will keep the data in the system up to date and enable business transactions and inquiries to be processed immediately. The required S.W.I.F.T., customer information, and reports can be generated immediately.

The Client will be installed at the Outward Foreign Remittance Division Section to access, create, update, or delete records of customer details and daily transactions including foreign exchange rate, previous payment of each transaction.

3.1.4 Process Architecture

The Software Development Environments are software languages and tools used to develop the business logic and application programs for the system. For the proposed system, the Software Development Environments consists of MS Windows Server 2000, MS SQL Server, MS Office 2000 Professional.

The Software Development Environments applications also consist of a client-based programming language with built-in SQL connectivity to one or more server database engines. These Software Development Environments provide the following capabilities:

- (1) Rapid application development (RAD) for quickly building and testing of the graphical user interface.
- (2) Automatic generation of the template code for the GUI and associated system events. Programmers only add the code for the business logic.
- (3) A programming language is compiled for replication and execution on client.
- (4) The connectivity for various relational database engines and interoperability with those engines is achieved by including SQL database commands that will be sent to the database engine for execution on the server, for example, create, read, update, delete, and sort the records.

3.2 System Design

The proposed system is designed to solve the problems of the existing system as stated previously and to meet all user requirements.

These following Figures are illustrated for the Outward Foreign Remittance system design.

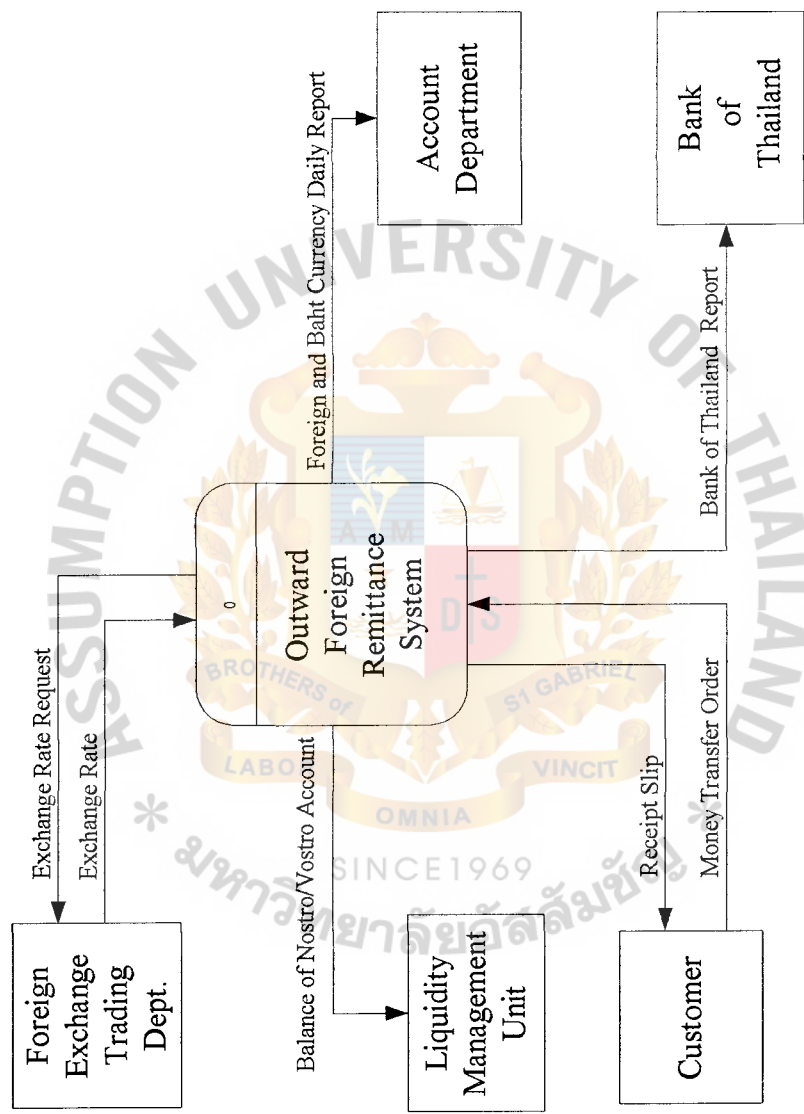


Figure 3.2. Context Level Data Flow Diagram of Outward Foreign Remittance System.

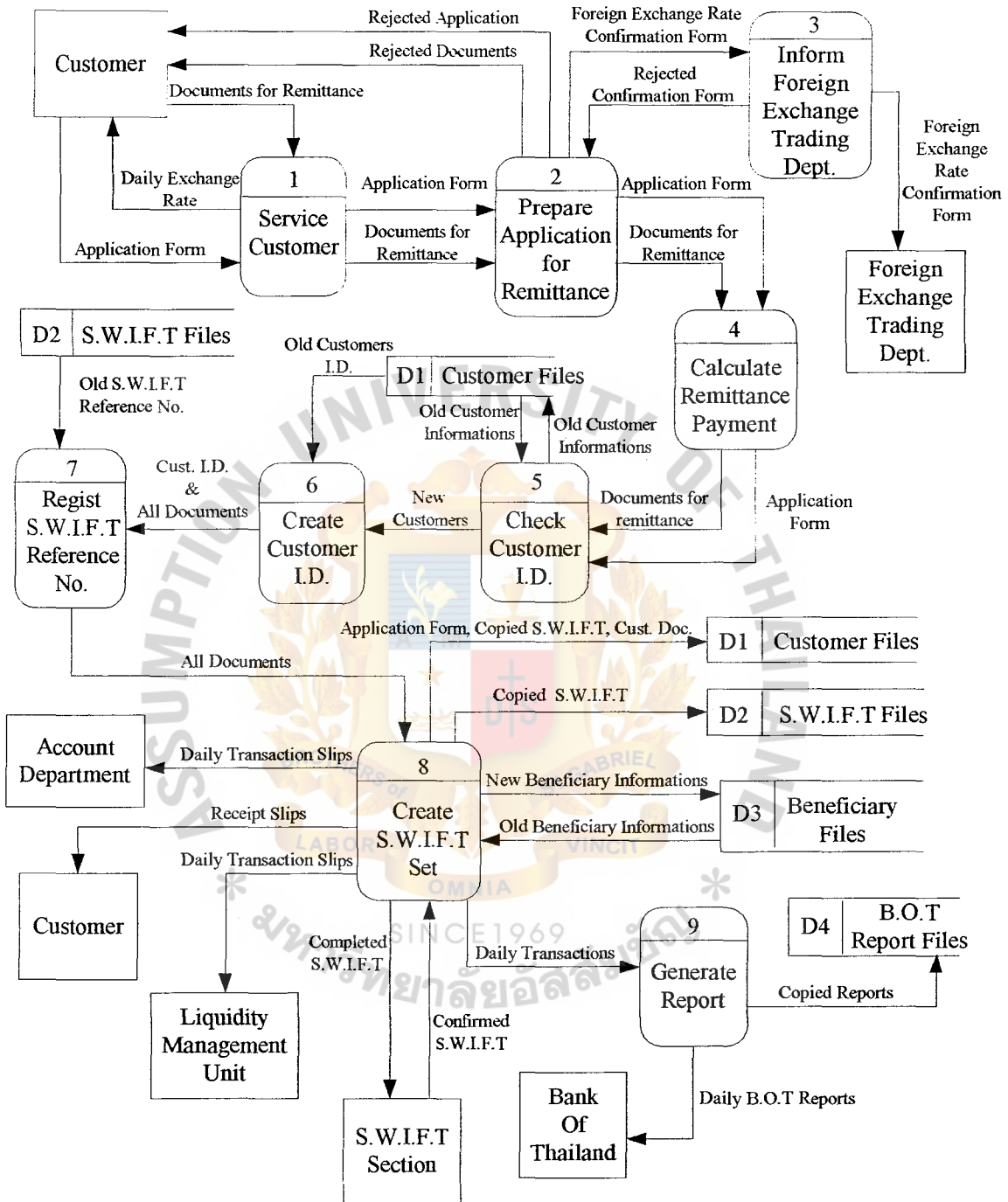


Figure 3.3. Level 0 Data Flow Diagram of Outward Foreign Remittance System.

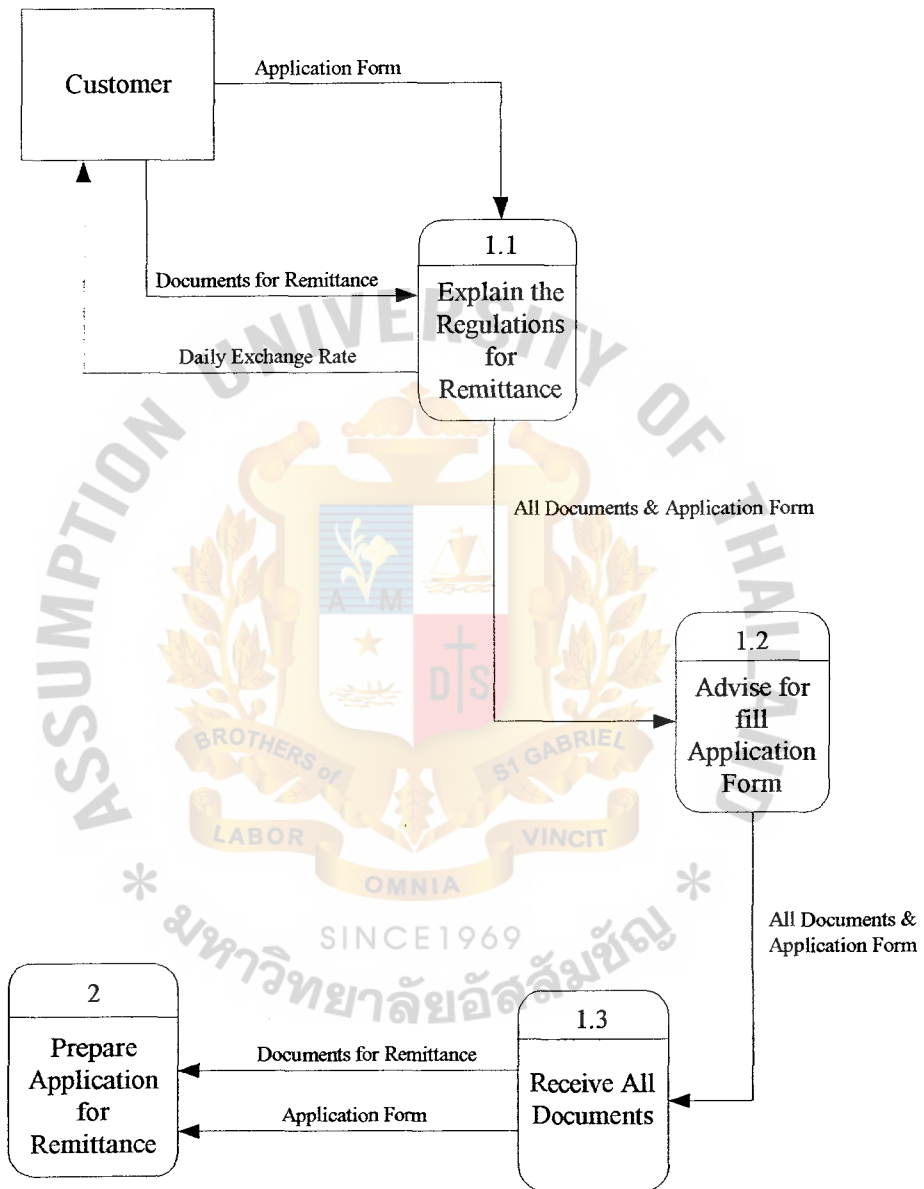


Figure 3.4. Level 1 Data Flow Diagram of Service Customer of Outward Foreign Remittance System.

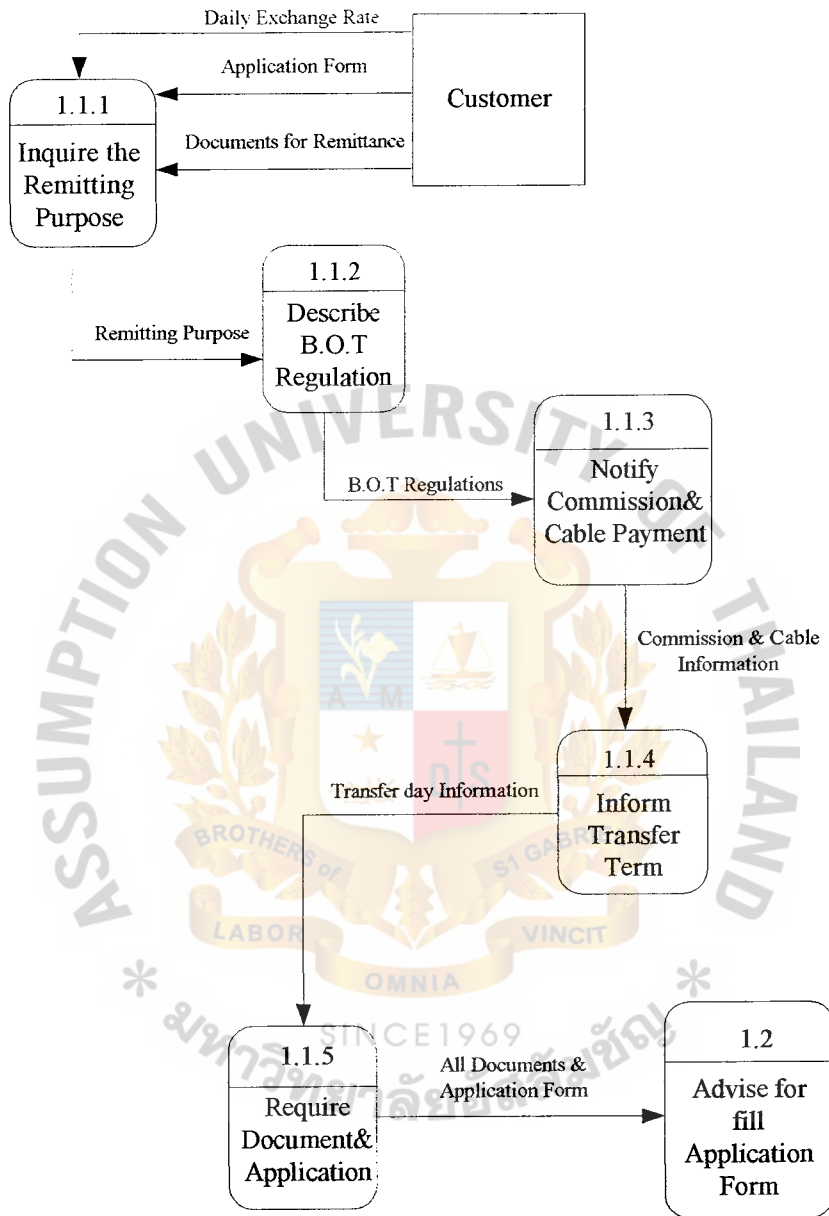


Figure 3.5. Level 2 Data Flow Diagram of Regulations for Remittance of Outward Foreign Remittance System.

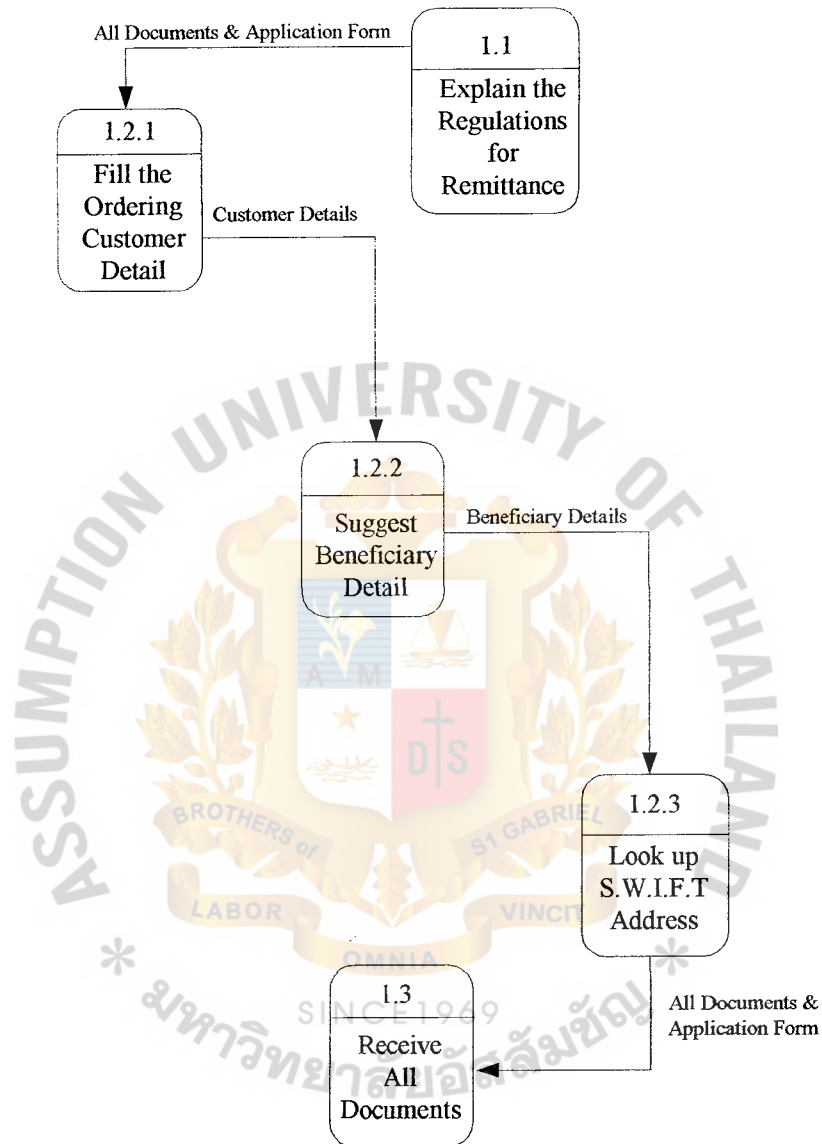


Figure 3.6. Level 2 Data Flow Diagram of Advice for Filling Application Form of Outward Foreign Remittance System.

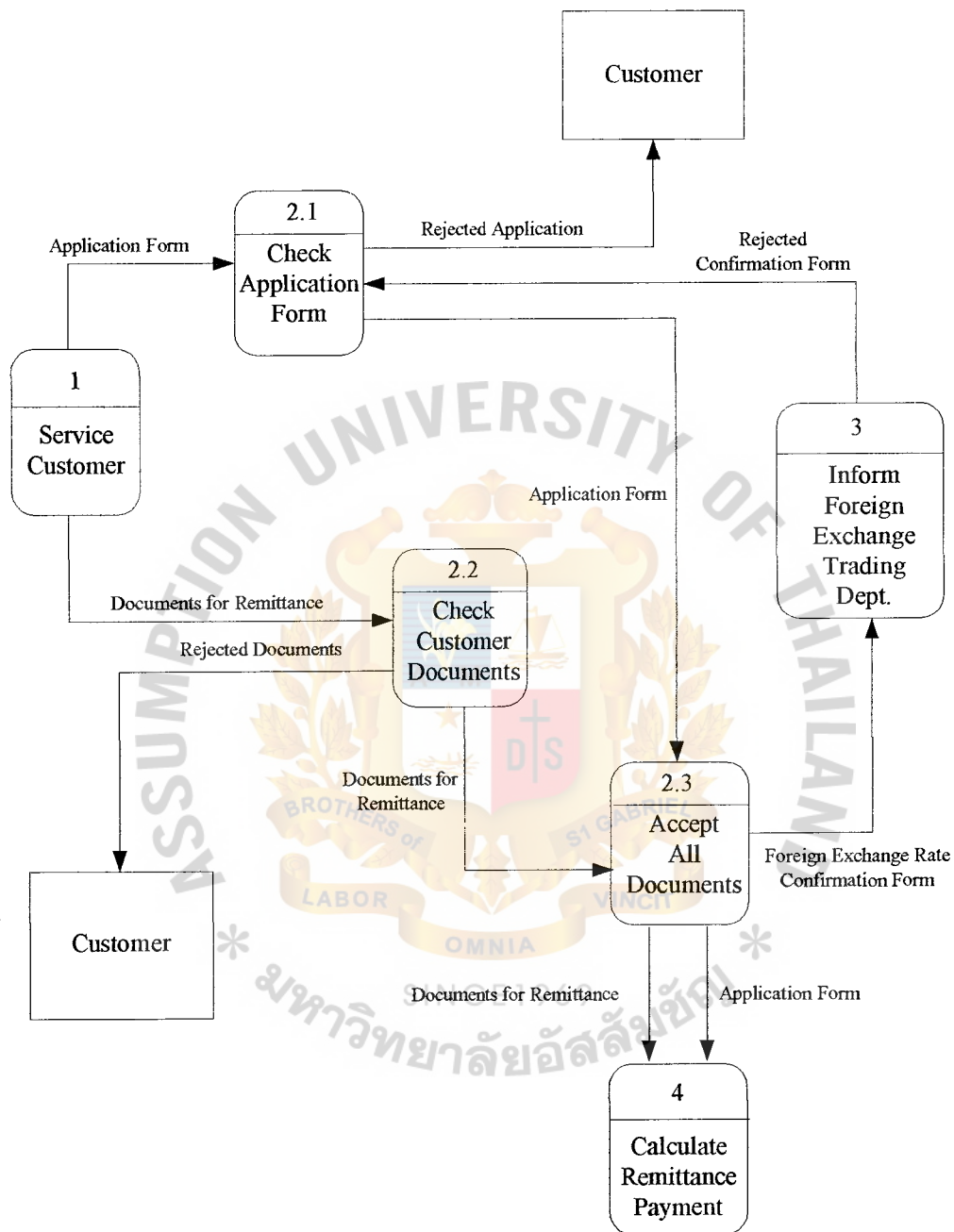


Figure 3.7. Level 1 Data Flow Diagram of Preparation of Application for Remittance of Outward Foreign Remittance System.

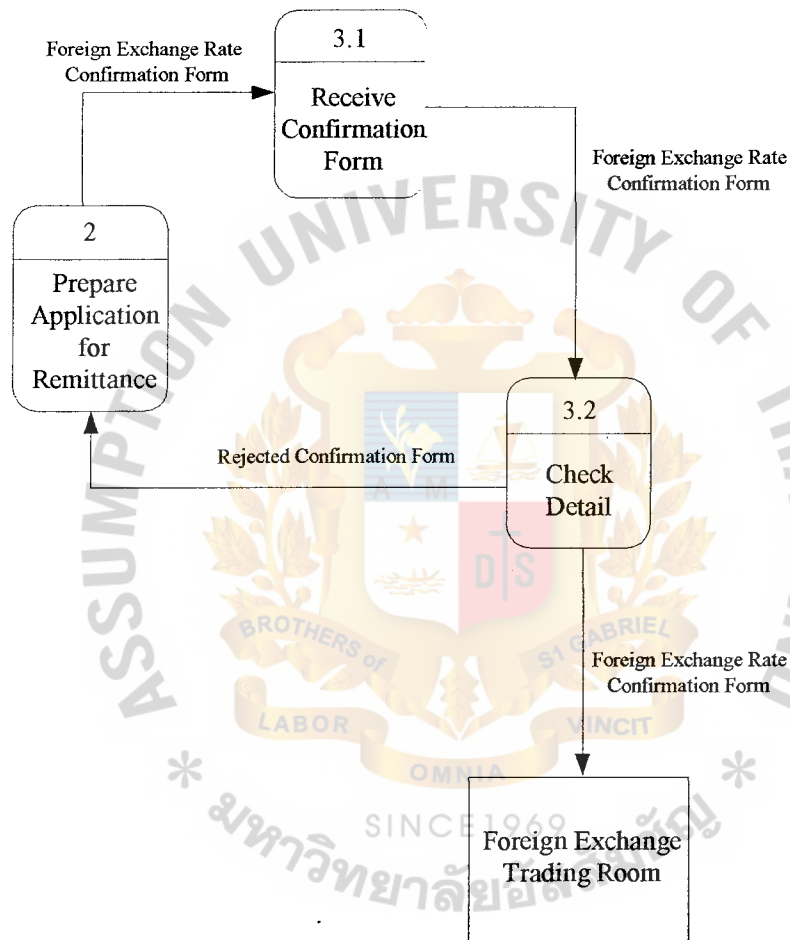


Figure 3.8. Level 1 Data Flow Diagram of Informing of Foreign Exchange Trading Department of Outward Foreign Remittance System.

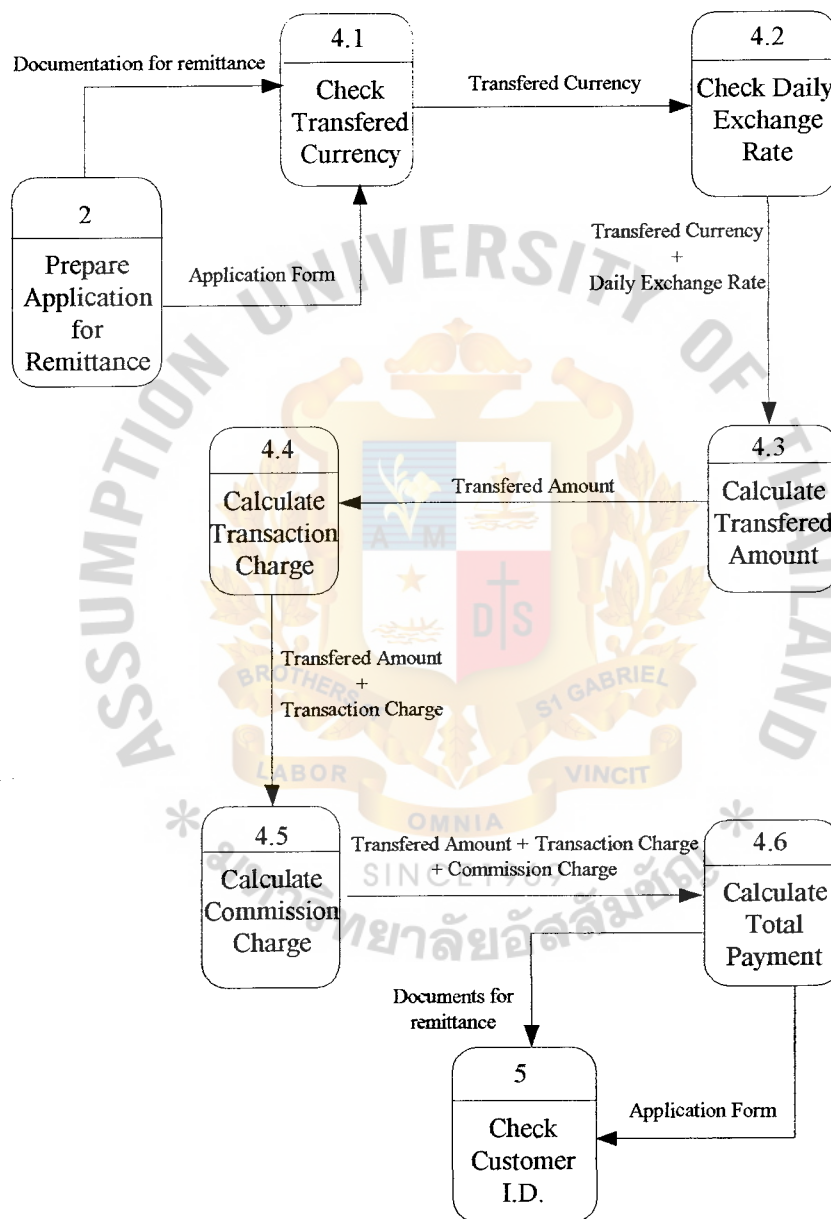


Figure 3.9. Level 1 Data Flow Diagram of Calculation Remittance Payment of Outward Foreign Remittance System.

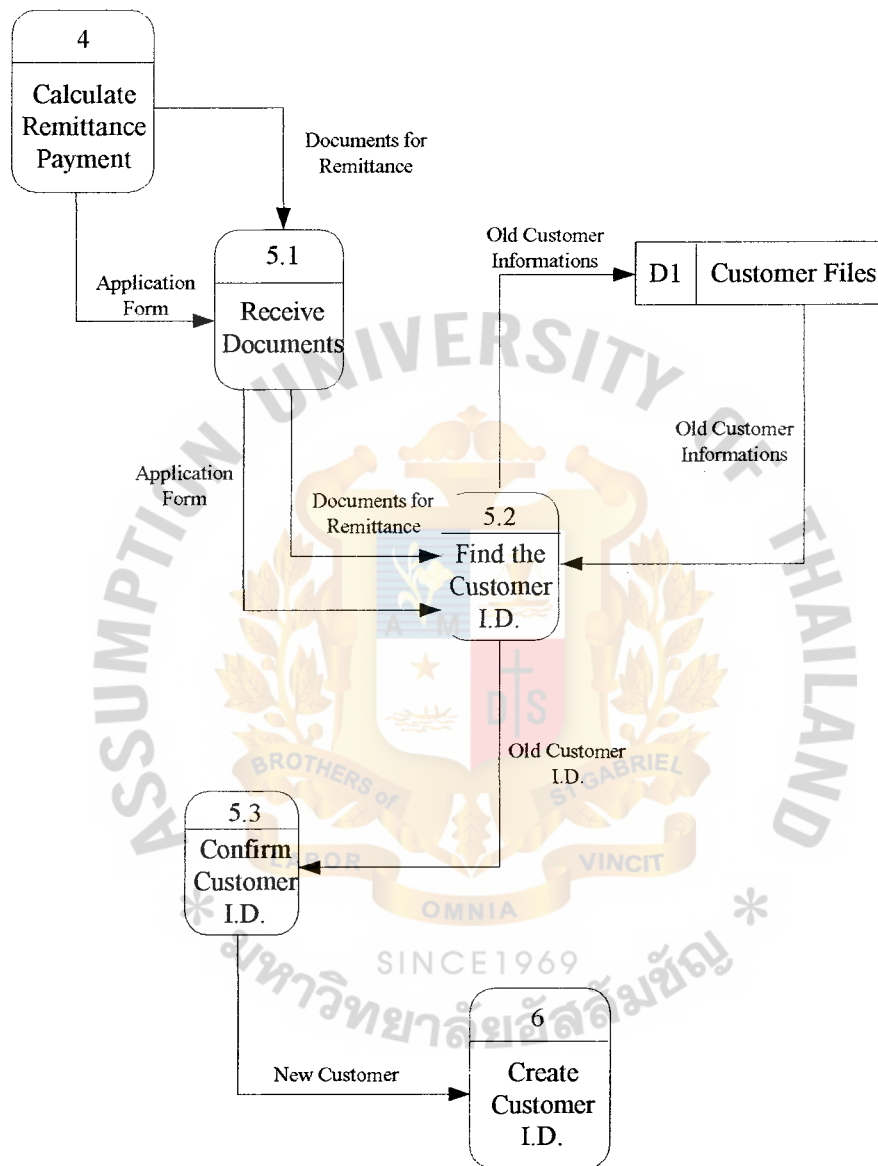


Figure 3.10. Level 1 Data Flow Diagram of Checking Customer ID. of Outward Foreign Remittance System.

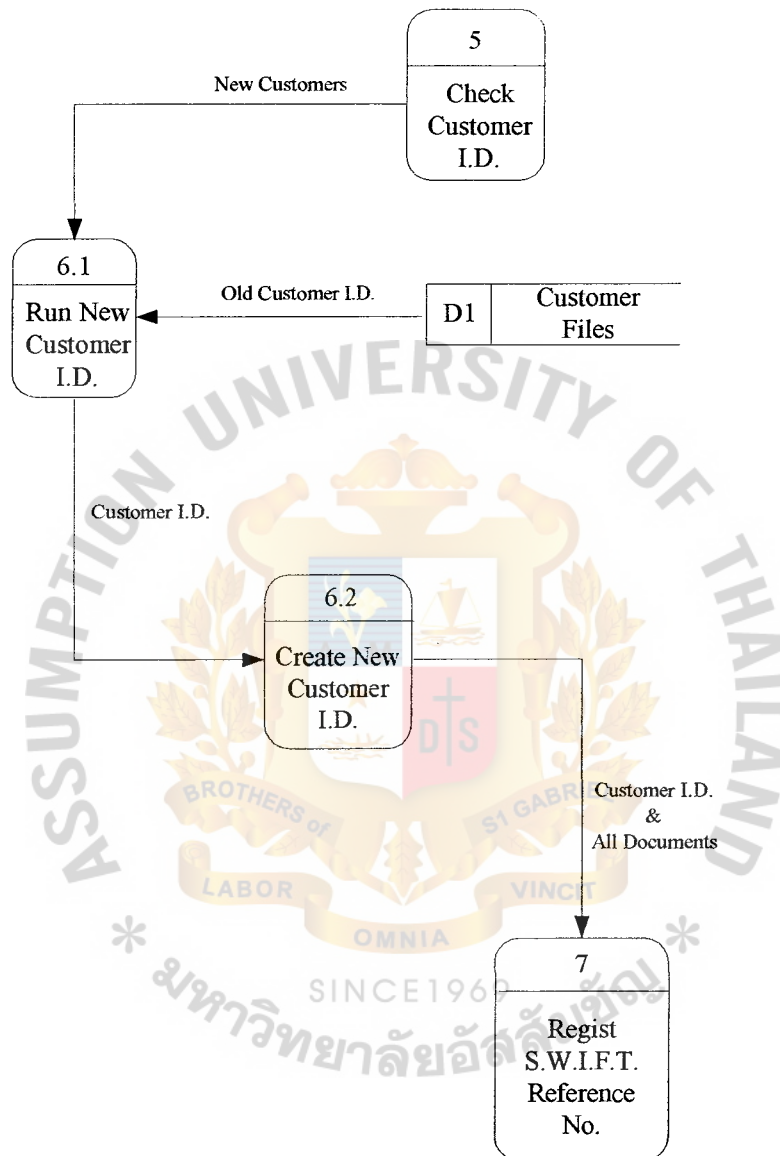


Figure 3.11. Level 1 Data Flow Diagram of Creating Customer ID. of Outward Foreign Remittance System.

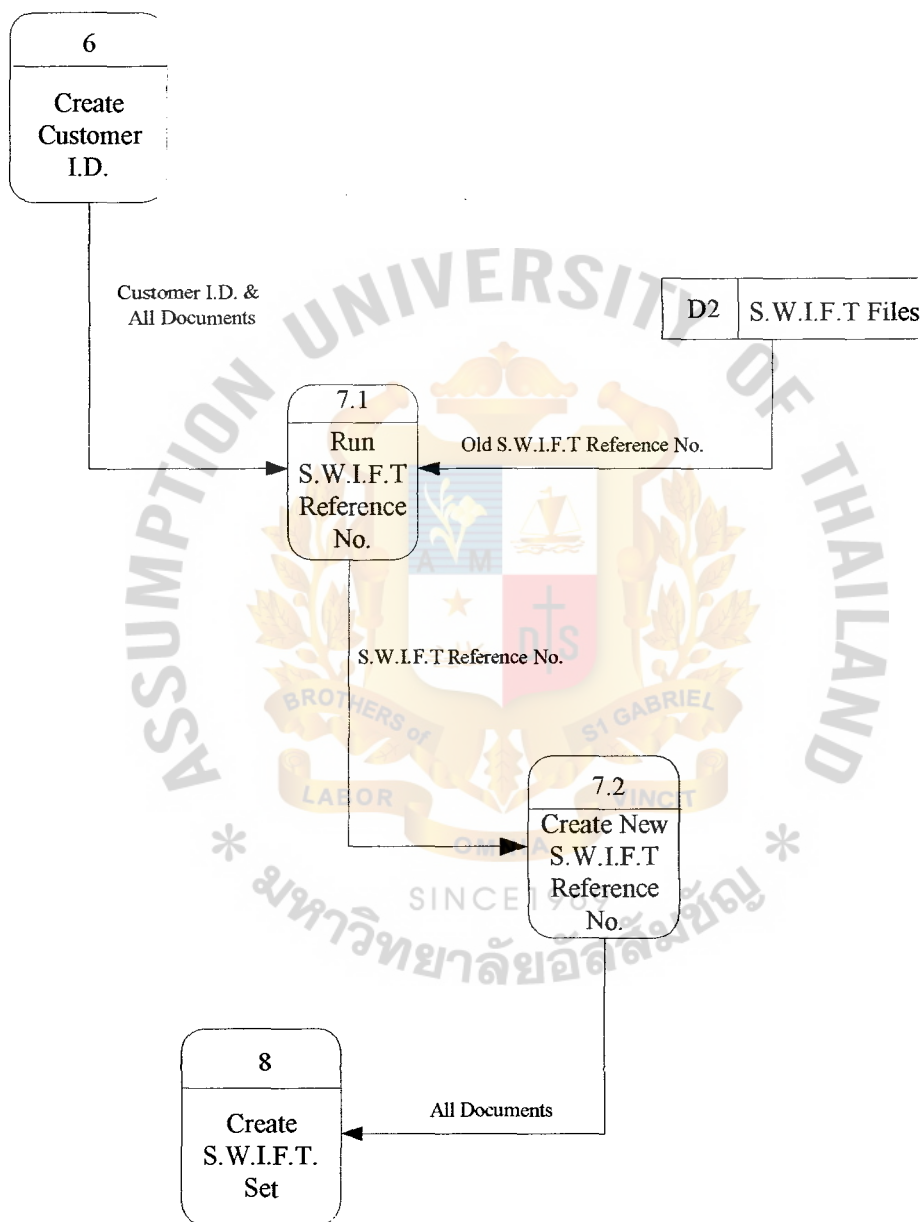


Figure 3.12. Level 1 Data Flow Diagram of Registering S.W.I.F.T. Reference Number of Outward Foreign Remittance System.

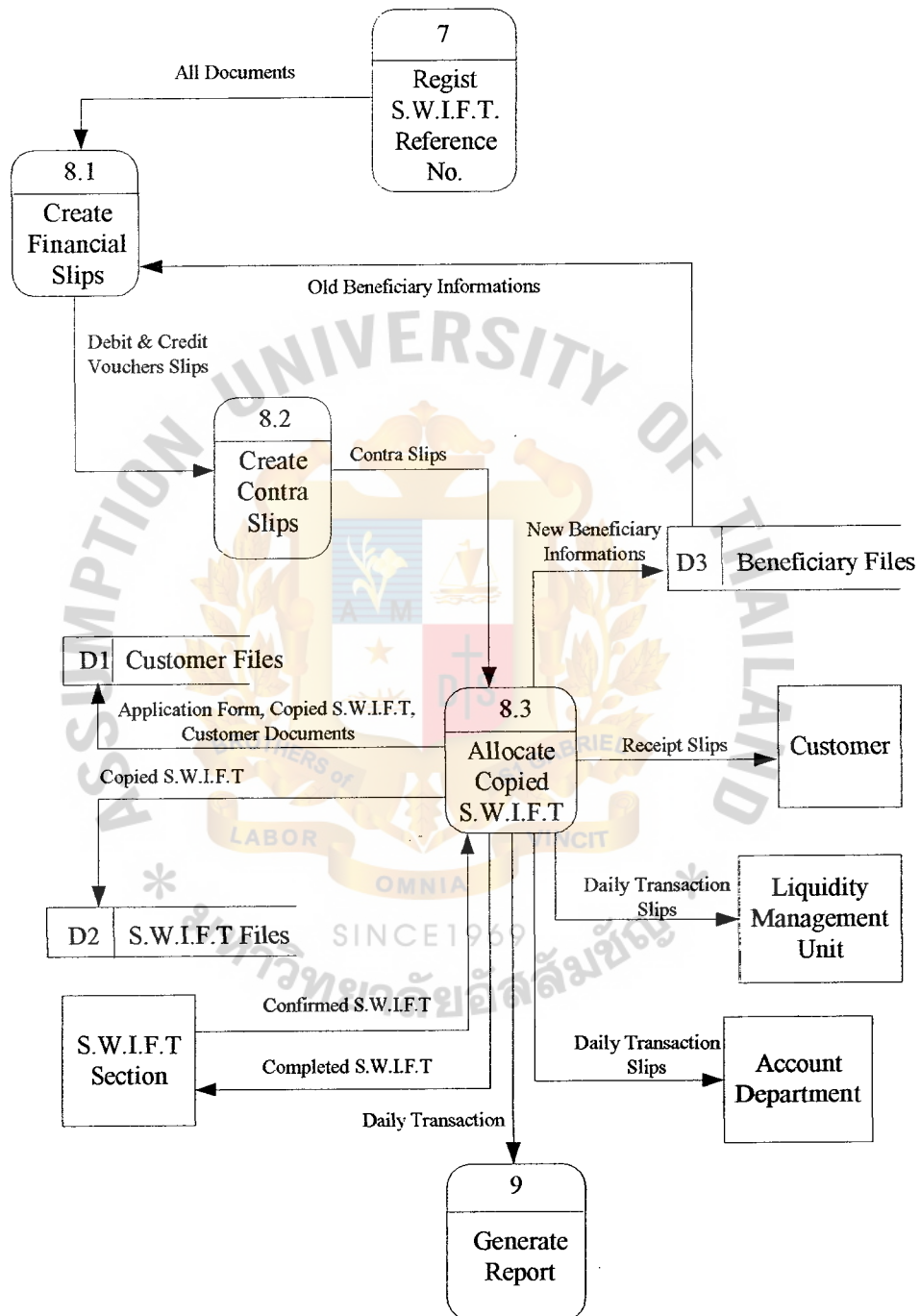


Figure 3.13. Level 1 Data Flow Diagram of Creating S.W.I.F.T. Set of Outward Foreign Remittance System.

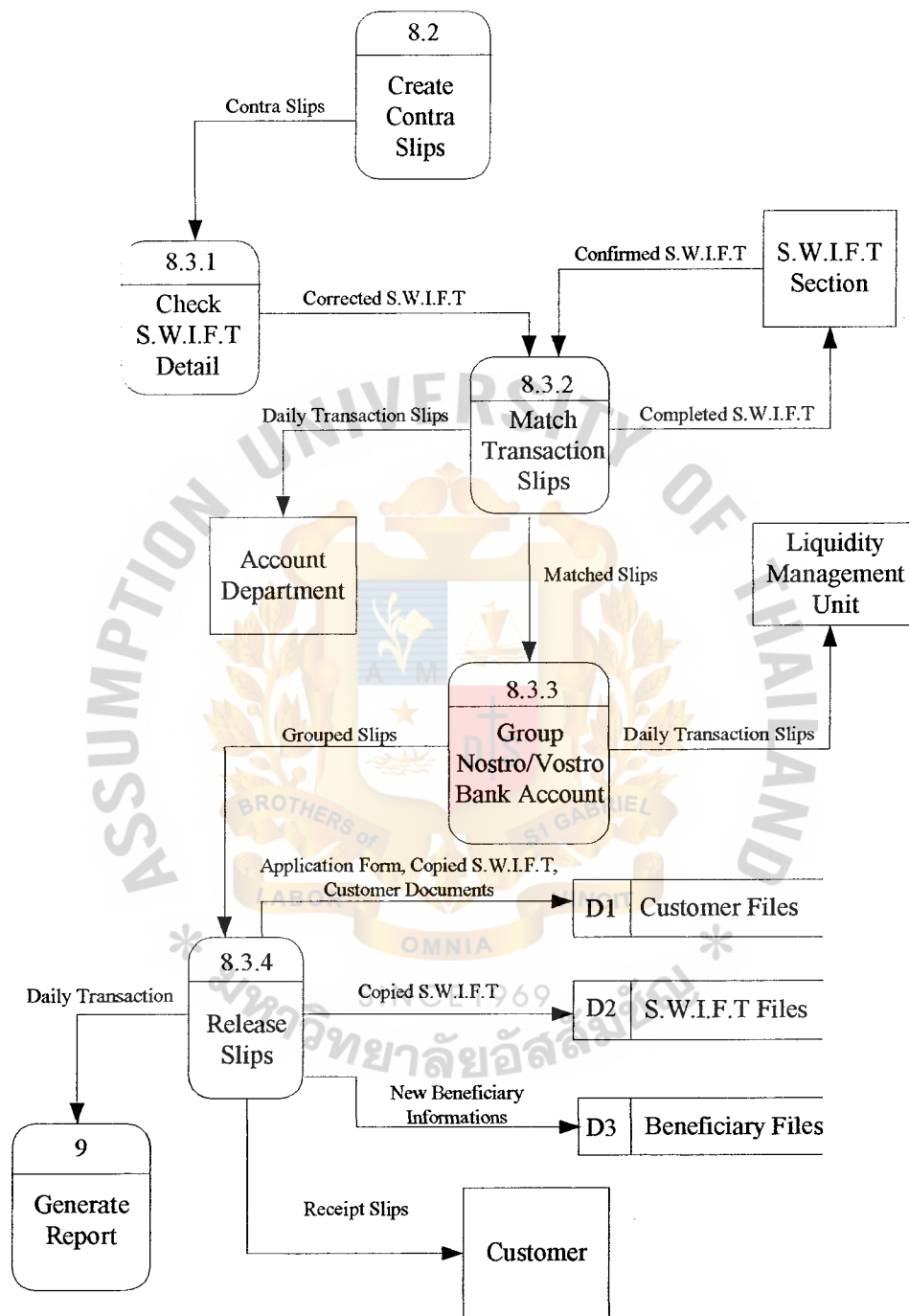


Figure 3.14. Level 2 Data Flow Diagram of Allocating Copied S.W.I.F.T. of Outward Foreign Remittance System.

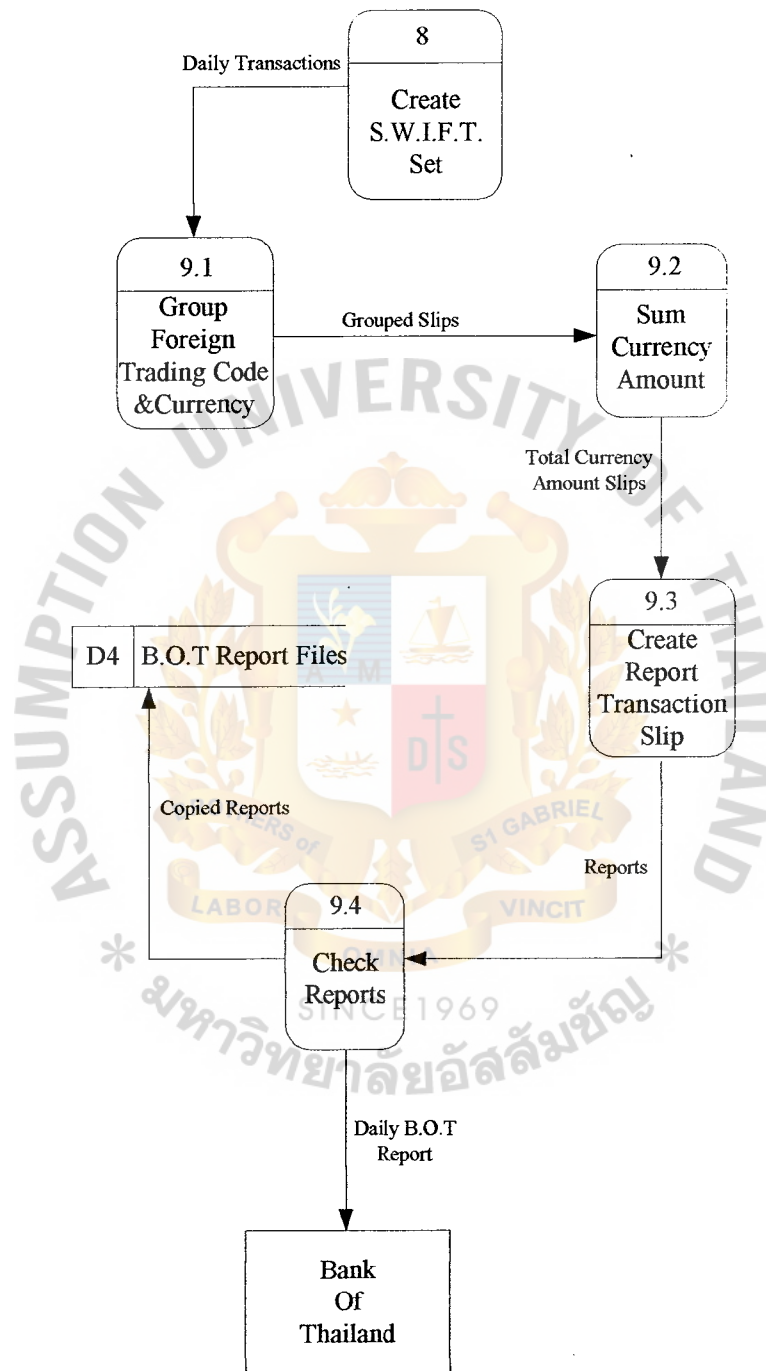


Figure 3.15. Level 1 Data Flow Diagram of Generating Reports of Outward Foreign Remittance System.

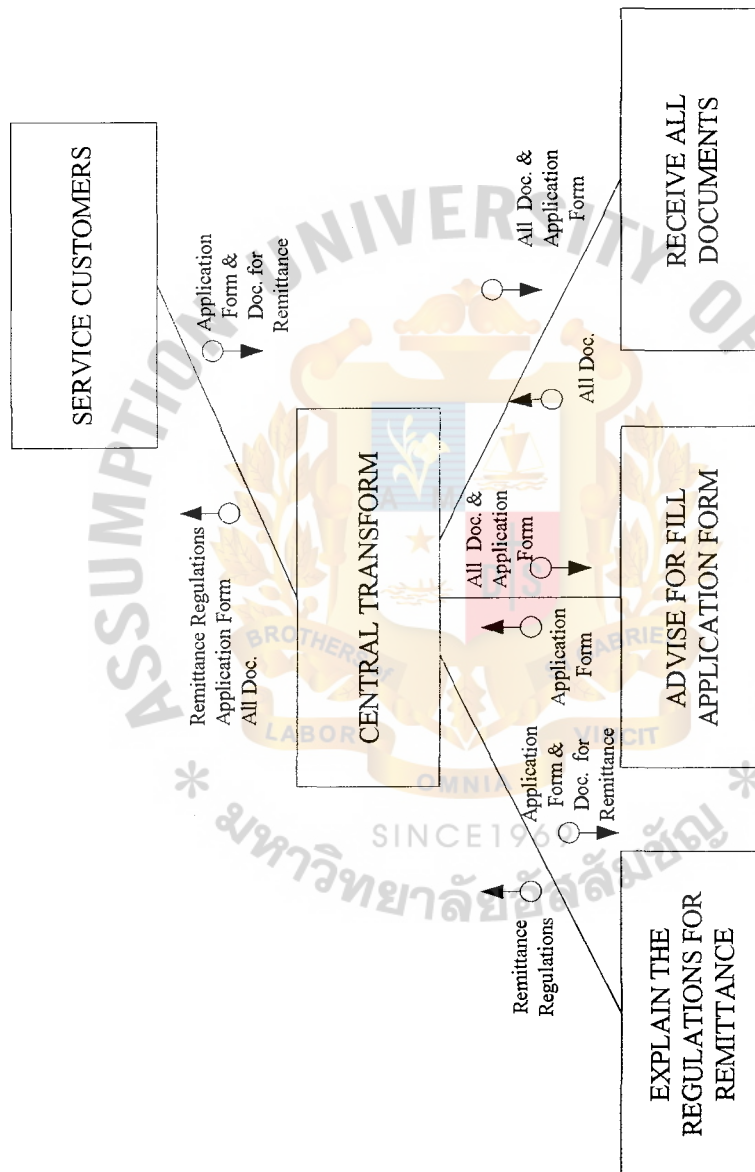


Figure 3.16. Structure Chart of Service Customer Process.

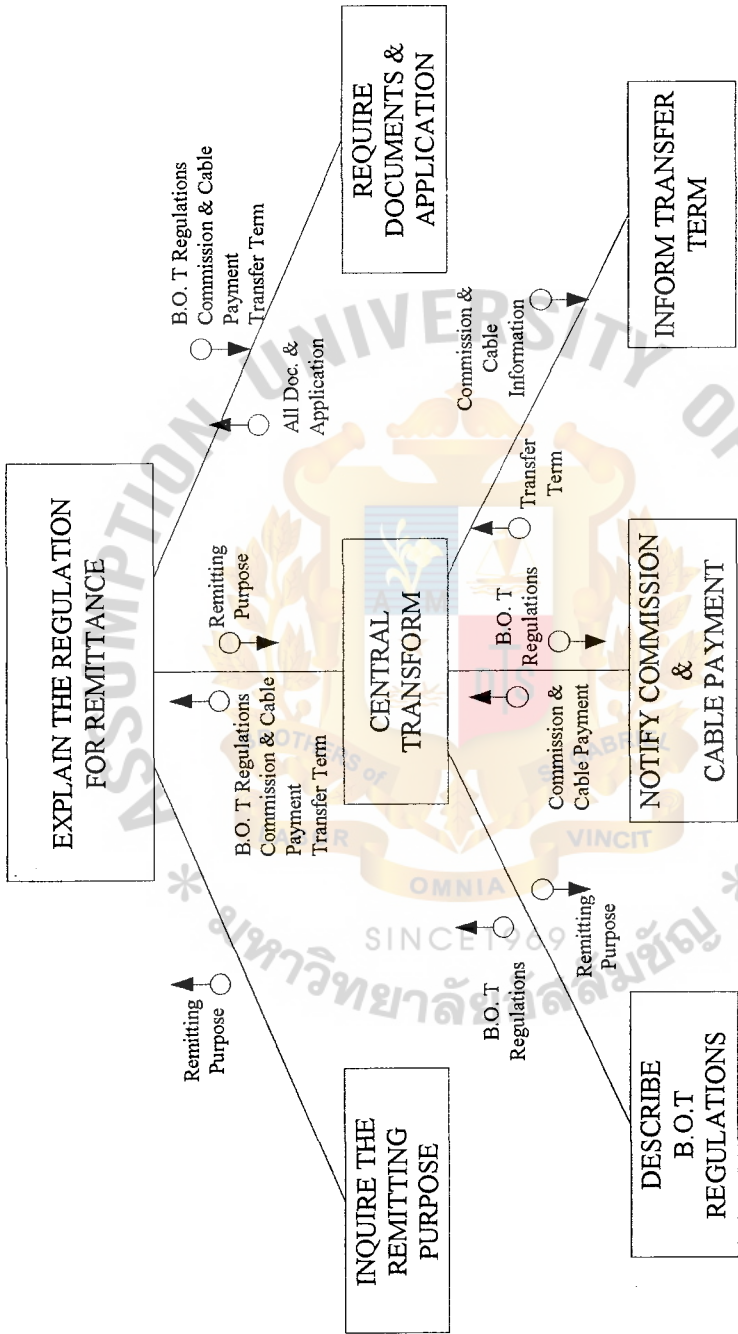


Figure 3.17. Structure Chart of Regulations for Remittance Process.

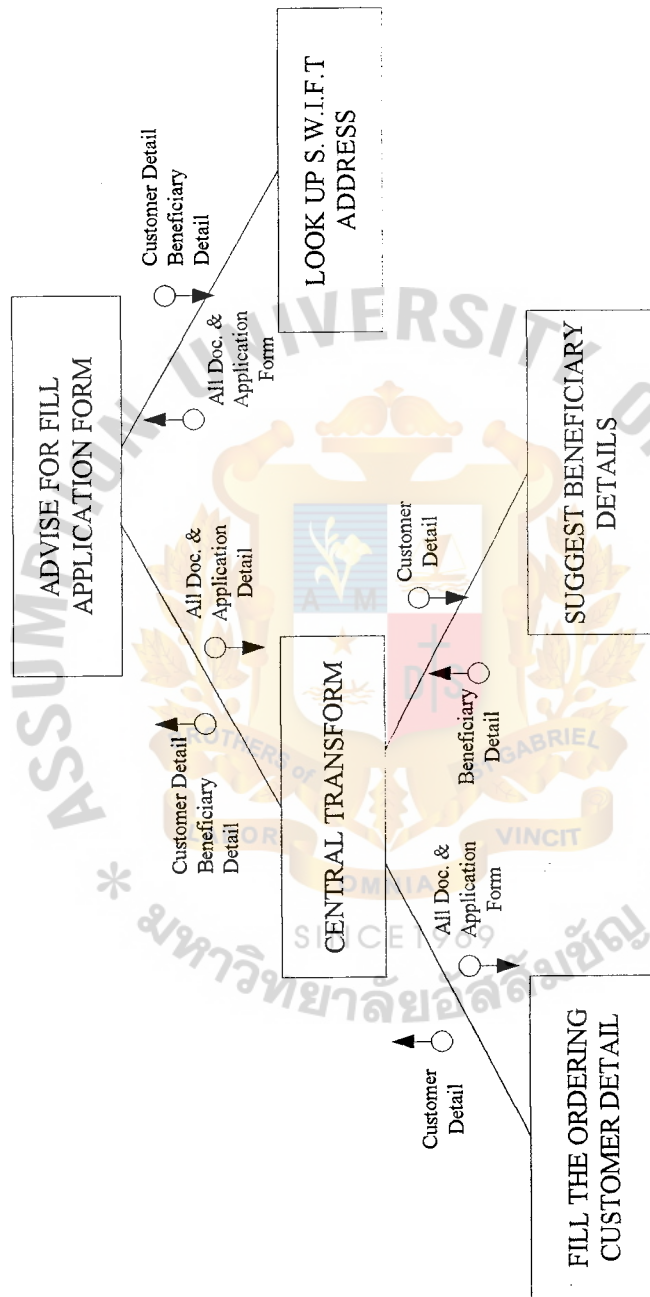


Figure 3.18. Structure Chart of Advice for filling Application Form Process.

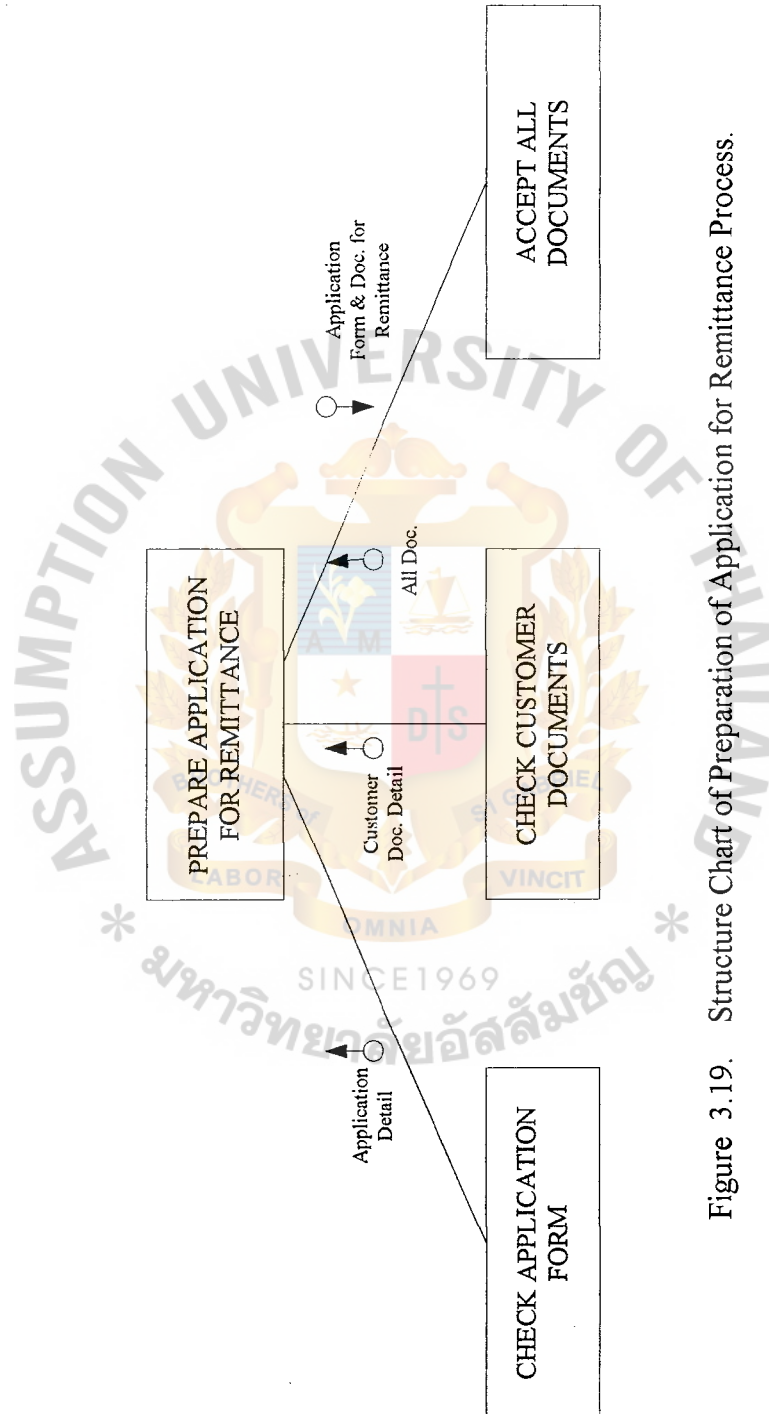


Figure 3.19. Structure Chart of Preparation of Application for Remittance Process.

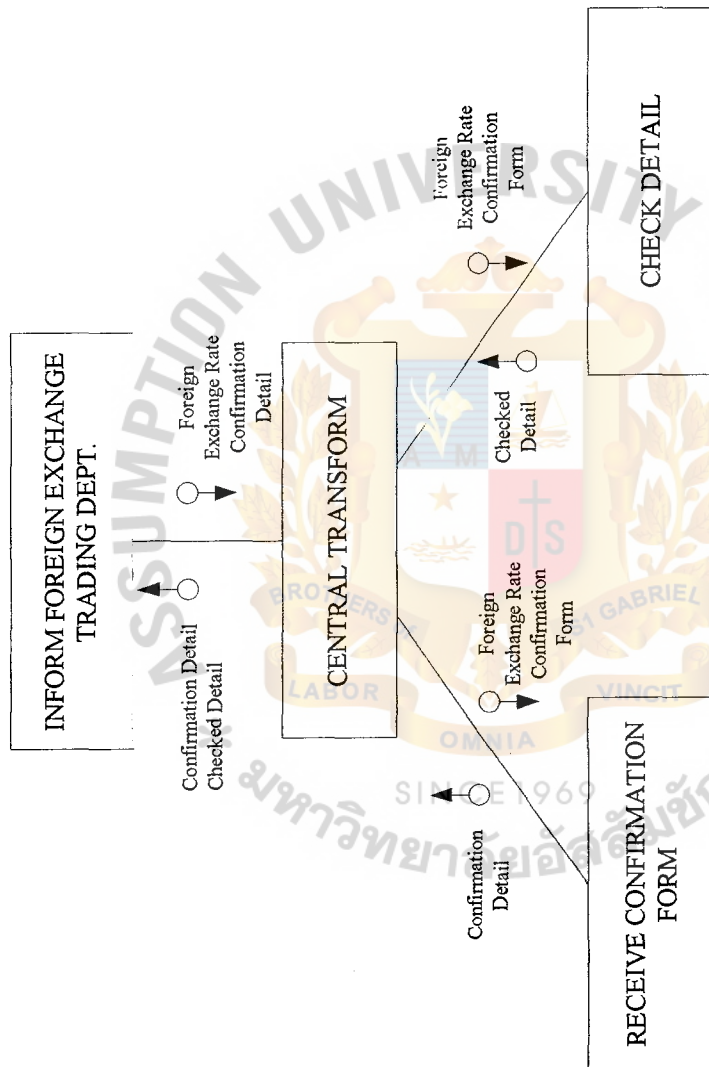


Figure 3.20. Structure Chart of Informing Foreign Exchange Trading Department Process.

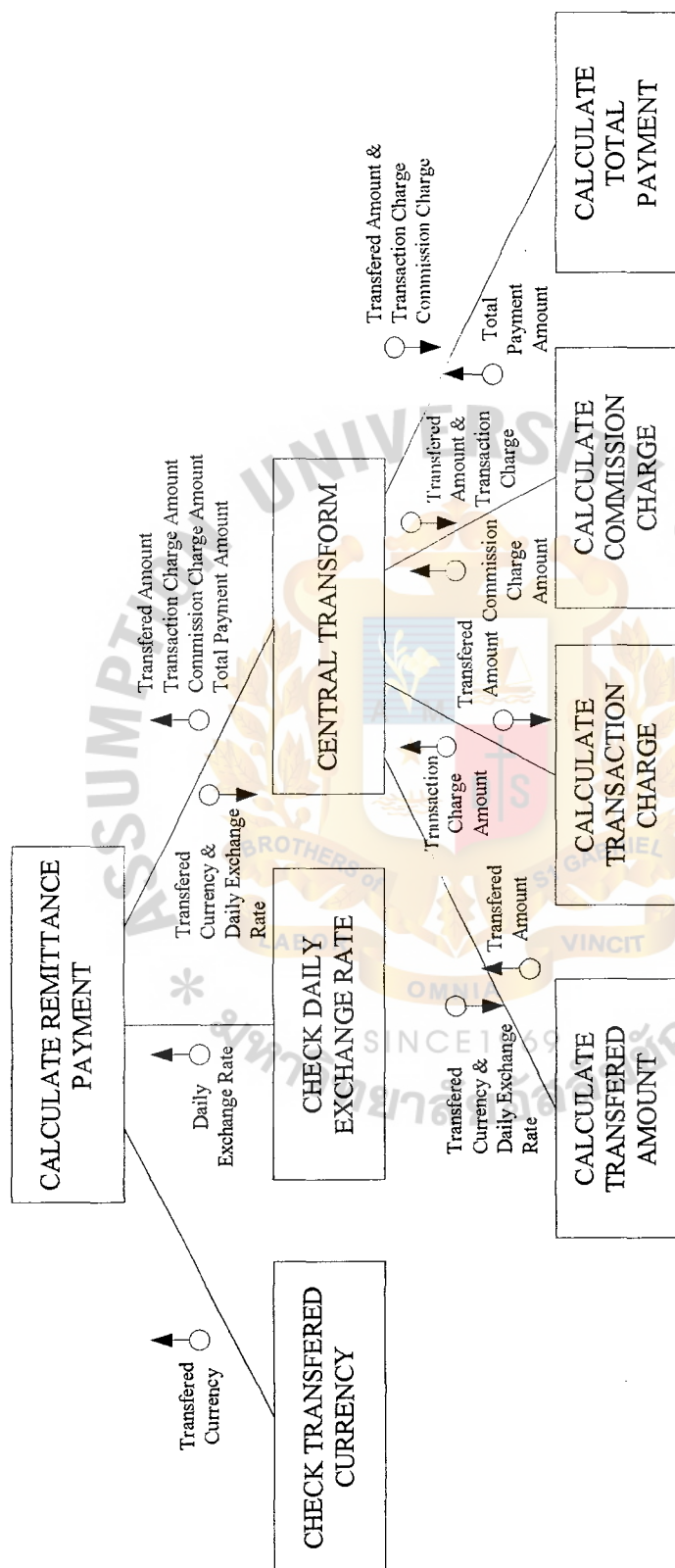


Figure 3.21. Structure Chart of Calculating Remittance Payment Process.

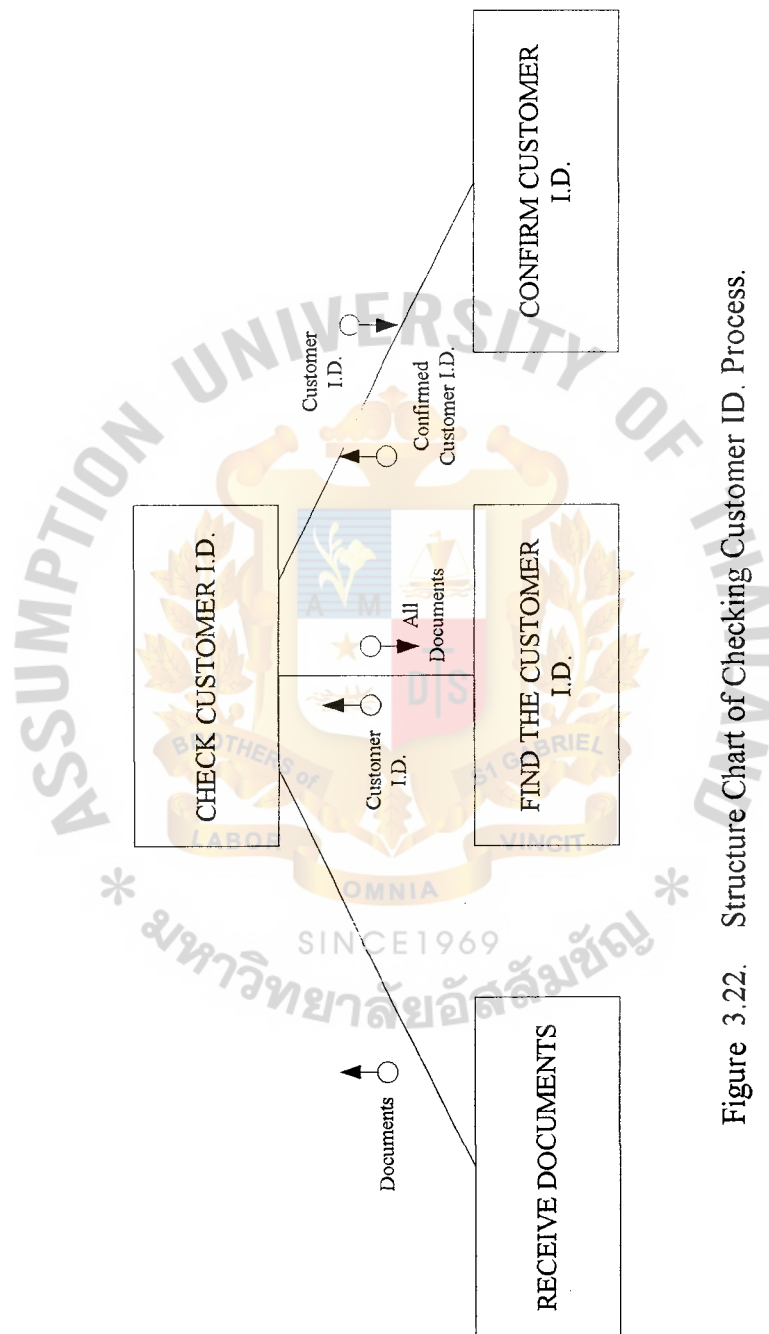


Figure 3.22. Structure Chart of Checking Customer ID. Process.

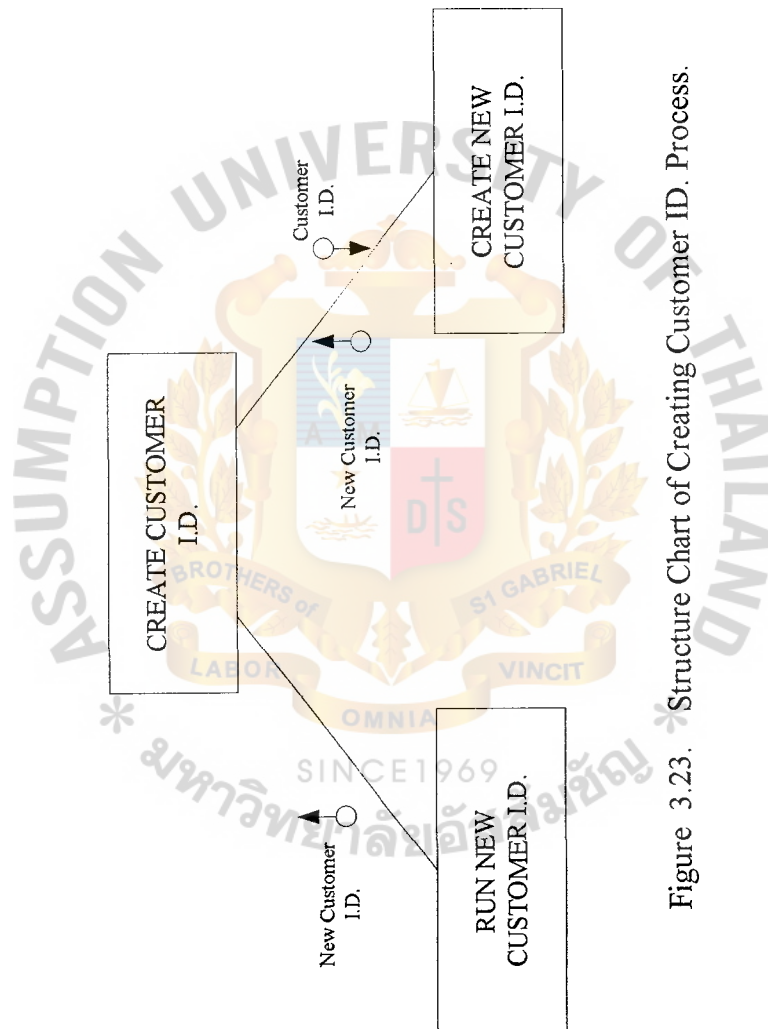


Figure 3.23. Structure Chart of Creating Customer ID. Process.

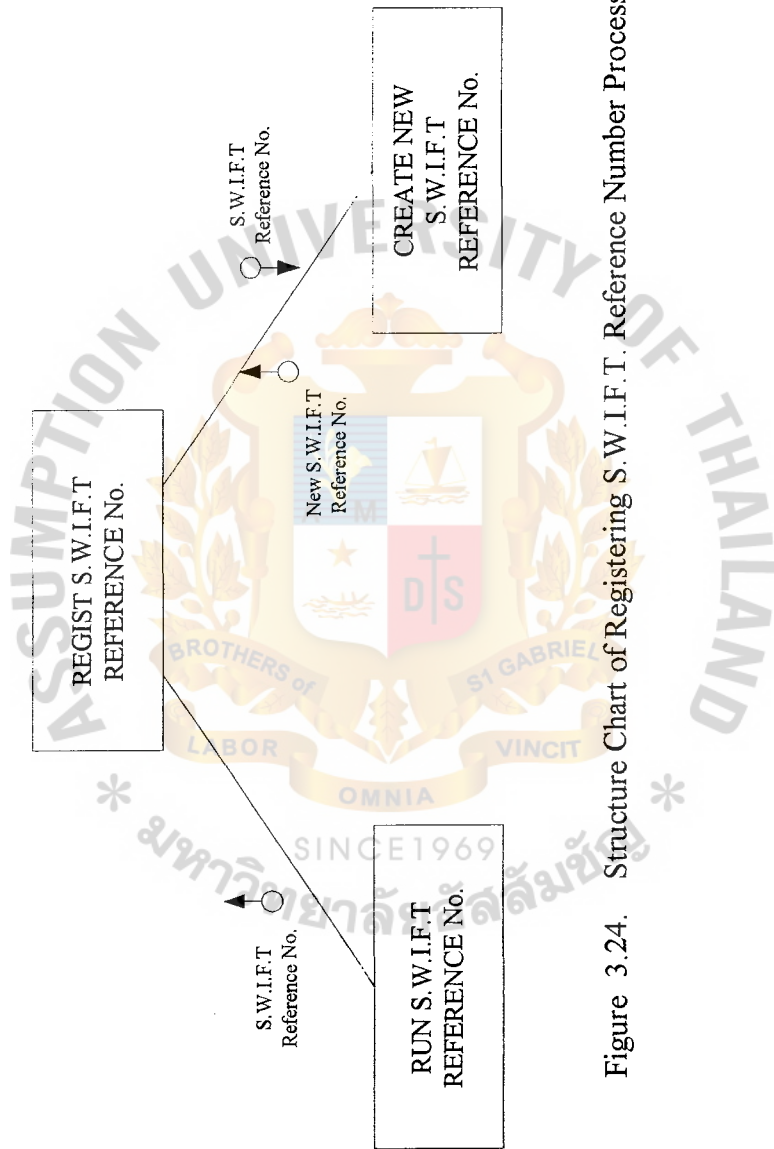


Figure 3.24. Structure Chart of Registering S.W.I.F.T. Reference Number Process.

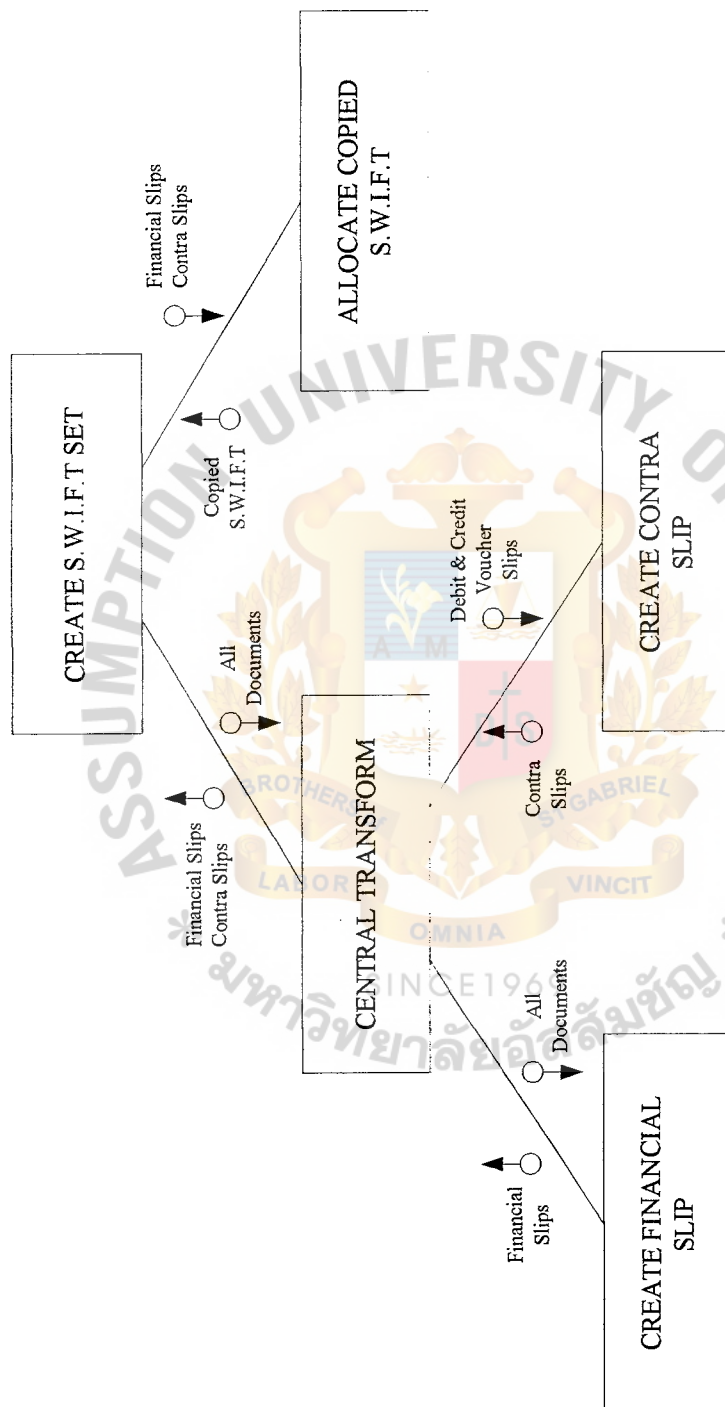


Figure 3.25. Structure Chart of Creating S.W.I.F.T. Set Process.

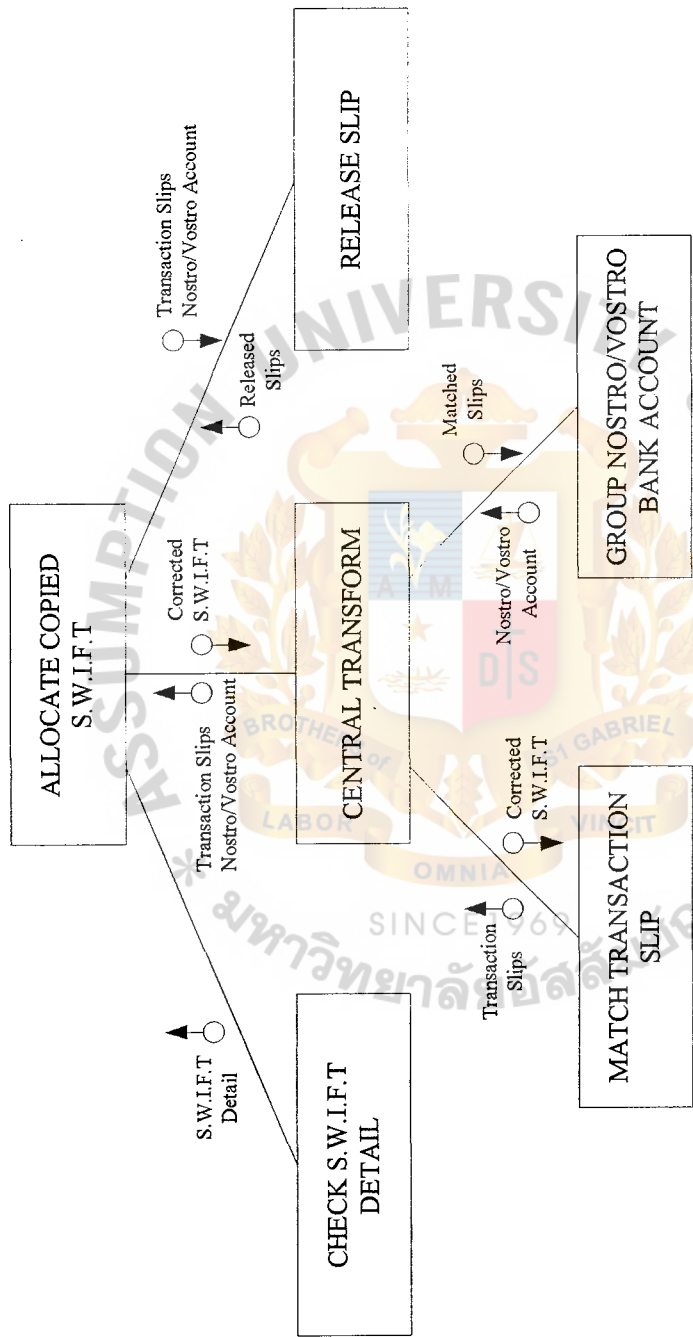


Figure 3.26. Structure Chart of Allocating Copied S.W.I.F.T. Process.

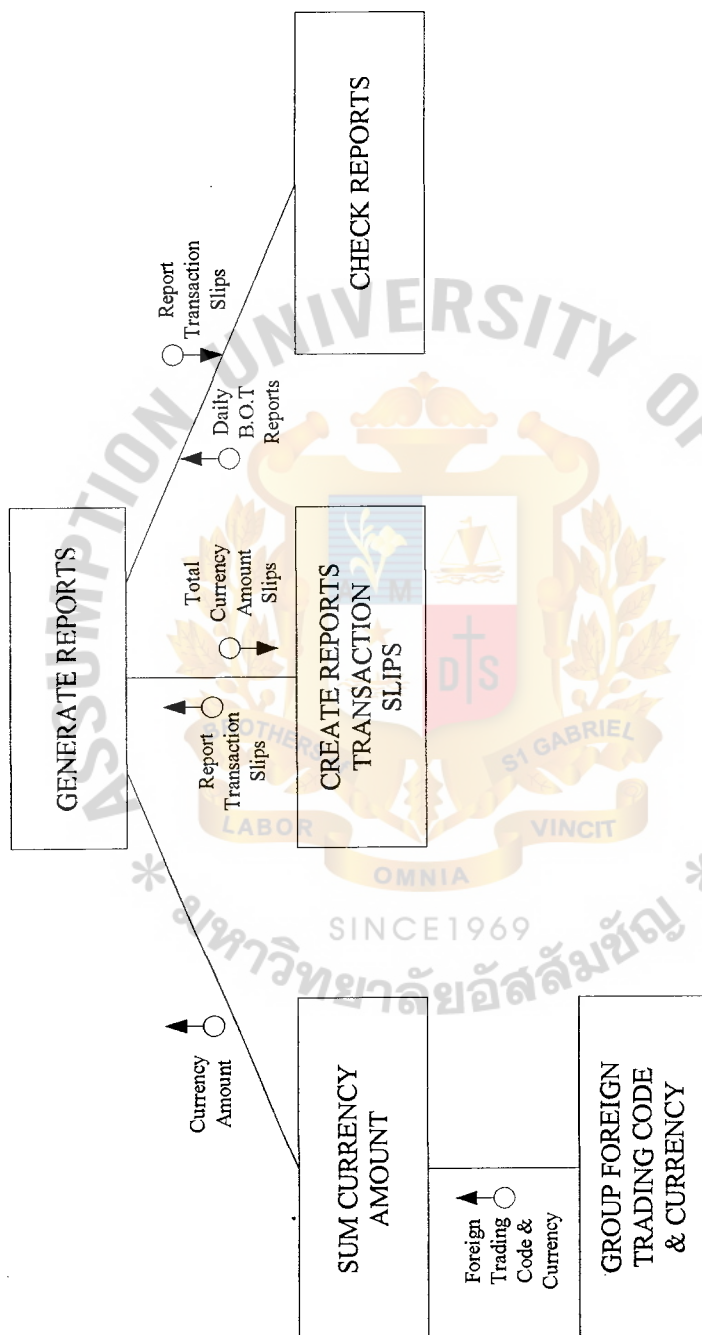


Figure 3.27. Structure Chart of Generating Reports Process.

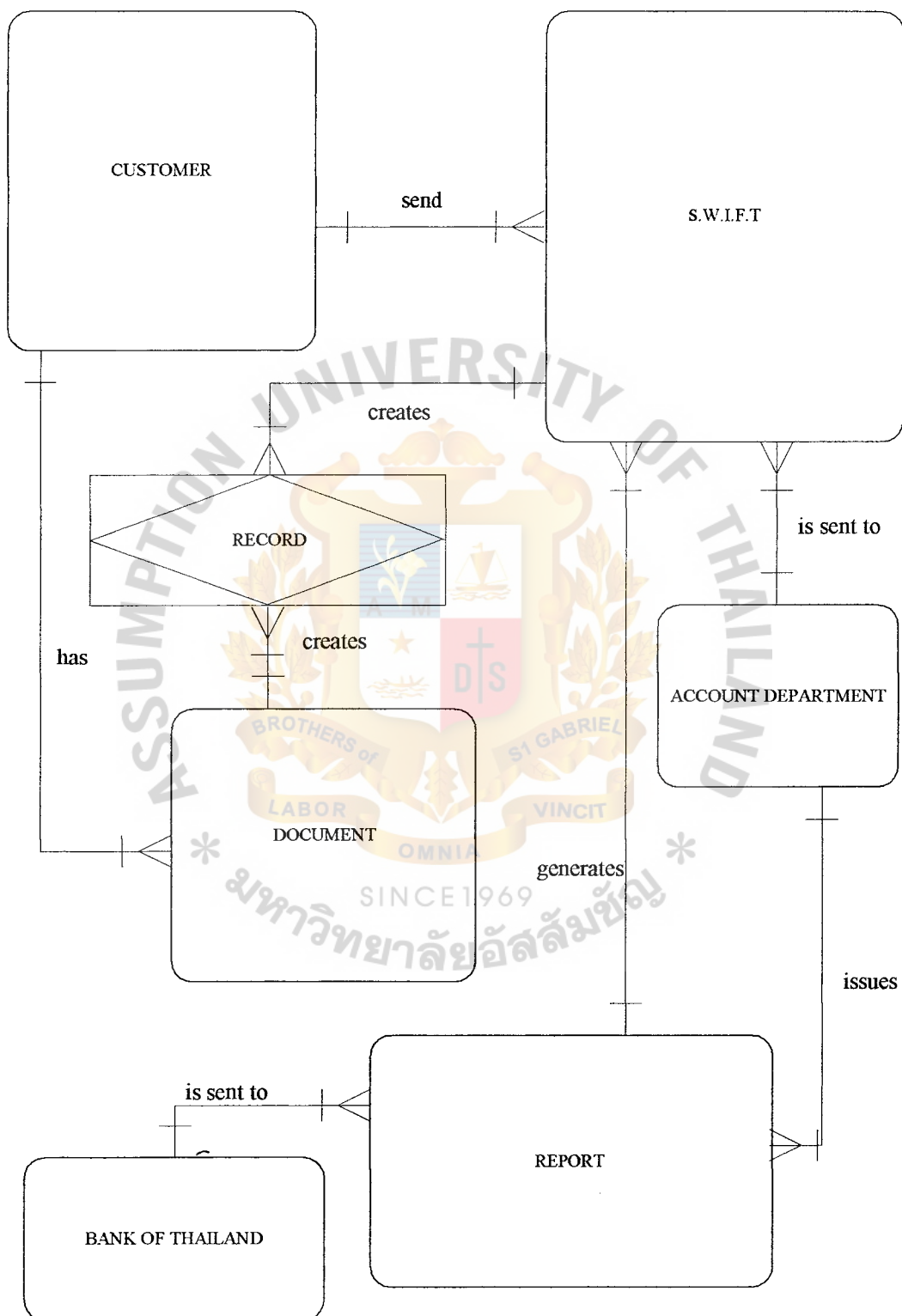


Figure 3.28. Context Diagram of Entity Relationship Diagram.

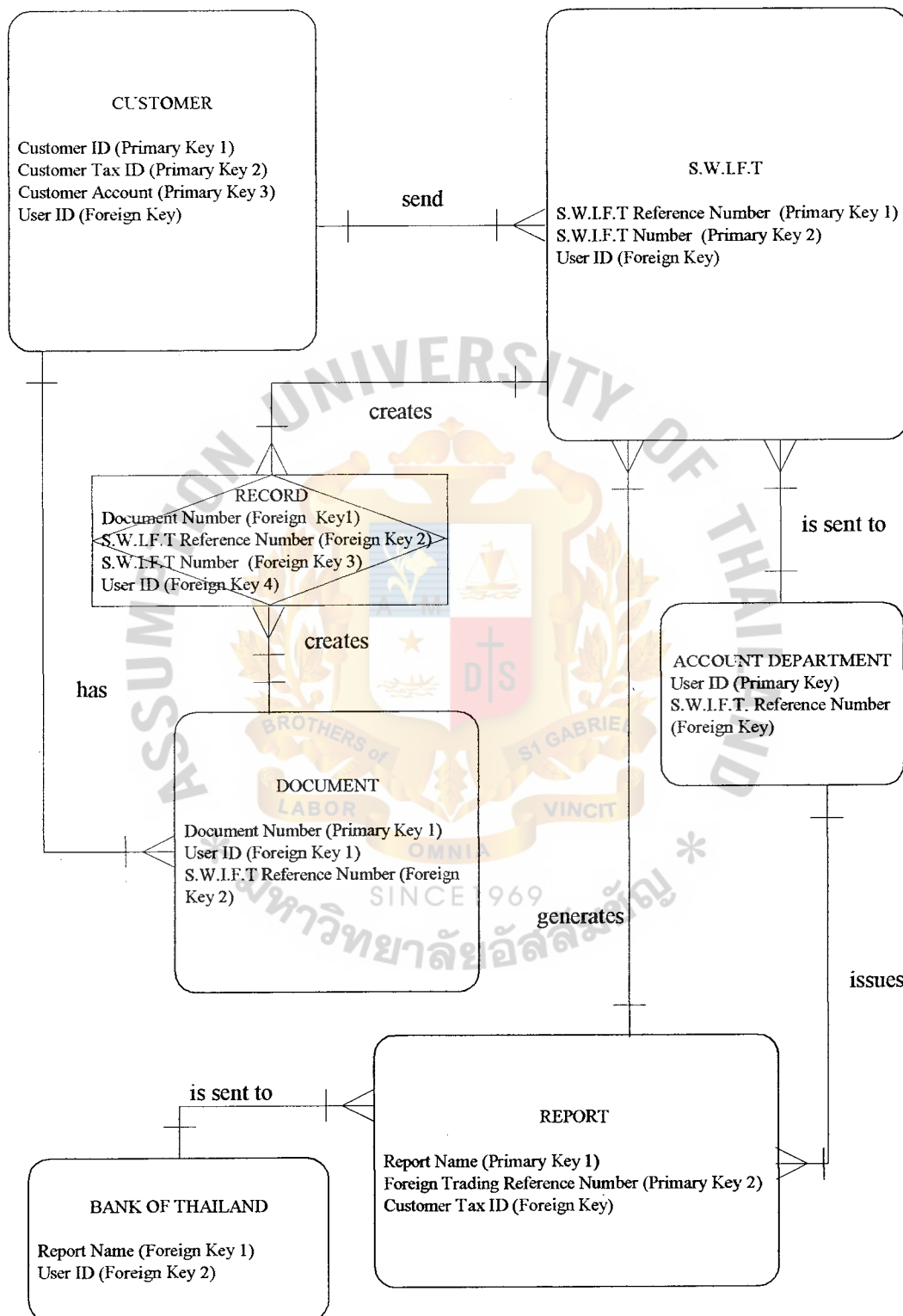


Figure 3.29. Key-base Diagram of Entity Relationship Diagram.

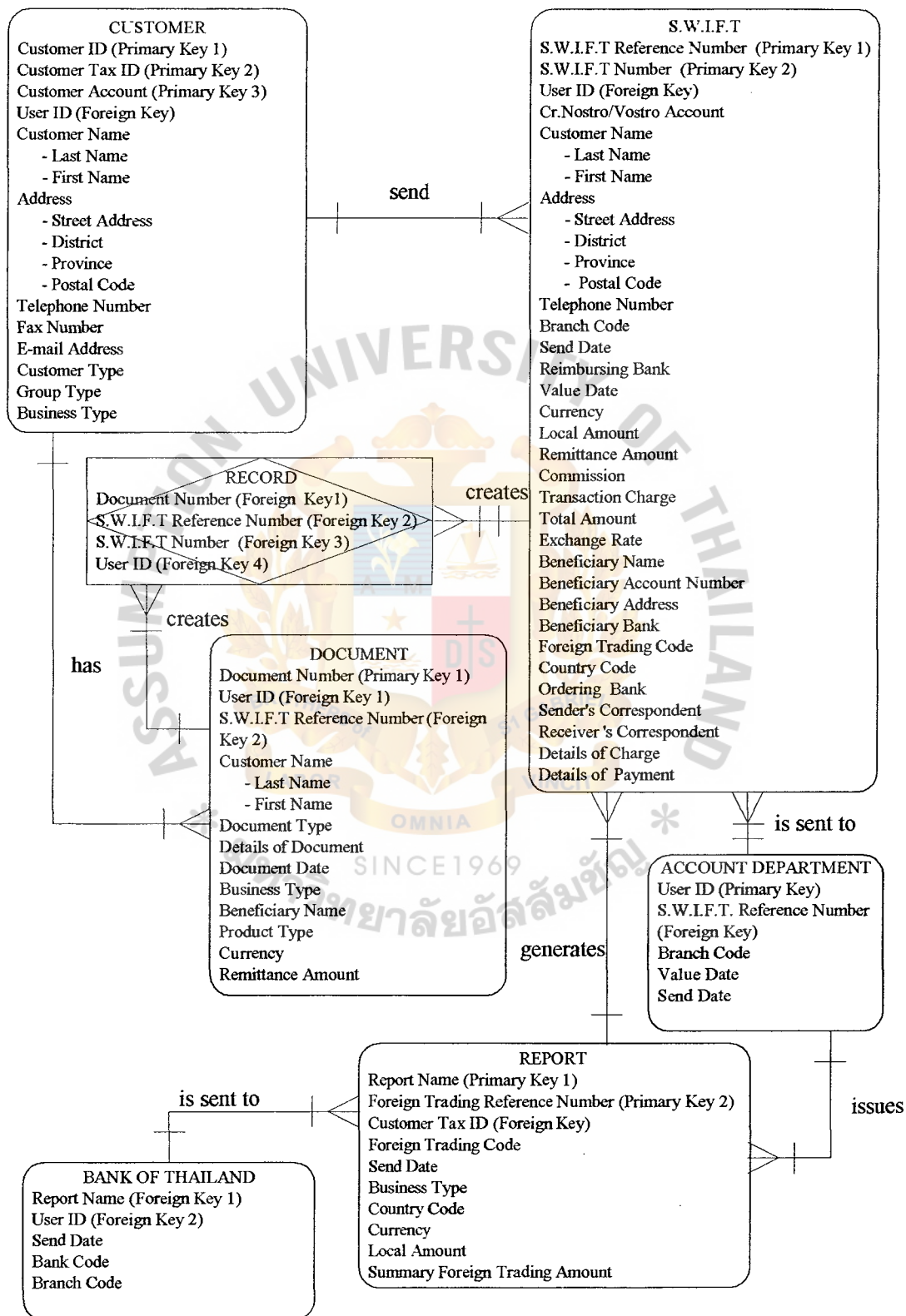


Figure 3.30. Fully Attributed Diagram of Entity Relationship Diagram.

3.3 Hardware and Software Requirements

3.3.1 Server

The proposed Outward Foreign Remittance System uses a database system. Microsoft Access 2000 is the major software tool used to develop the input and output design of the system. Microsoft Windows Server 2000 is used as the server's operating system. The hardware specifications of server must support Microsoft Windows Server 2000 and all other software in the suite. The hardware and software specifications for this proposed system are shown in Tables 3.1 and 3.2 respectively.

Table 3.1. The Hardware Specifications of the Server.

Hardware	Specification
CPU	Pentium III Xeon 866 MHz
Cache	512 Kb or higher
Memory	256 MB or higher
Hard Disk	20.4 GB
CD-ROM Drive	54 X
Floppy Drive	1.44 MB
Network Adapter	Ethernet 10-Base T
Display Adapter	SVGA Card 16 M
Display	17 " Monitor
Printer	HP Laser Jet 4050
UPS	VA 600

Table 3.2. The Software Requirements for the Server.

Software	Specifications
Operating System	Microsoft Windows Server 2000
Application Software	Microsoft Office 2000 Professional Edition
Database Server	Microsoft SQL Server 7.0 or higher

3.3.2 Clients

For the Outward Foreign Remittance System, the client machines have to possess capabilities to run the programs developed by Microsoft Access 2000. The client machines specification should also run other office automation software efficiently, such as spreadsheet and other word processing, etc. The client machines must support Microsoft Windows 2000 Professional, and Microsoft Office 2000 Professional. The hardware and software specifications for the client machines are shown in Tables 3.3 and 3.4, respectively.

Table 3.3. The Hardware Specifications of Client Machines.

Hardware	Specification
CPU	Pentium III 600 MHz
Cache	256 Kb or higher
Memory	128 MB or higher
Hard Disk	10.2 GB
CD-ROM Drive	50 X
Floppy Drive	1.44 MB
Network Adapter	Ethernet 10-Base T
Display Adapter	SVGA Card 16 M
Display	15 " Monitor
Printer	Dot Matrix

Table 3.4. The Software Requirement of Client Machines.

Software	Specification
Operating System	Microsoft Windows 2000 Professional
Application Software	Microsoft Office 2000 Professional Edition

3.3.3 Other Hardware Requirements

Other essential hardware needed for the proposed system include a hub, network printers, cable and connectors. The specifications of these hardware are illustrated in Table 3.5 below.

Table 3.5. Essential Hardware Requirements.

Hardware	Specification
Hub	Share Hub 24 ports
Cable	UTP 10/100 Mbps
Connector	RJ45 UTP connector
Printer	Laser and Dot Matrix

3.4 Security and Control

The information of any organization is very important and must be protected against unauthorized access. Therefore, the information of Outward Foreign Remittance System is one of the B Bank PCL database. In the computer security system, it consists of maintaining three characteristics;

- (1) Secrecy means the assets of a computing system are accessible only by the authorized persons.
- (2) Integrity means that assets can be modified only by the authorized persons.
- (3) Availability means that assets are available to the authorized persons only.

The following security and controls should be attained by the proposed computerized system.

- (1) To prevent unauthorized access.
 - (a) Password to enter the system should be used.
 - (b) Password to log on each user for creating daily transactions.
 - (c) Network has trustee right facility of file and directory that assigns right for user to access them.
- (2) To prevent errors or accidents that may destroy the files
 - (a) Back-up processing is essential for the system and must be performed at every business day end in order to recover the destroyed files or error on files.
- (3) To assure the completeness and accuracy of data
 - (a) Check details of each remittance transaction by the reports.
 - (b) Edit the error data easily such as remittance amount, and all customer information.
 - (c) Data must be input, created, updated, and deleted during business hours.

(4) To assure the right functions for each level of users

- (a) Set the menu for each user to log into the system, depending on related function tasks.

3.5 Cost/Benefit Analysis

The cost and benefit analysis of this project is used to evaluate the project worthiness. The average inflation rate is forecasted to be 10% throughout the next 5 years. The followings are the details of cost calculations of the new computerized system compared with the existing system.



3.5.1 Cost of Manual System

Table 3.6. Manual System Cost Analysis, Baht.

Cost items	Years				
	1	2	3	4	5
Fixed Cost					
Typewriters (2 units @ 8,640)	3,456.00	3,456.00	3,456.00	3,456.00	3,456.00
Calculators (2 units @ 3,240)	1,296.00	1,296.00	1,296.00	1,296.00	1,296.00
Personal Computer (1 unit @ 21,300)	4,260.00	4,260.00	4,260.00	4,260.00	4,260.00
Continuous Paper (75 units@ 760)	11,400.00	11,400.00	11,400.00	11,400.00	11,400.00
Total Fixed Cost	20,412.00	20,412.00	20,412.00	20,412.00	20,412.00
Operating Cost					
Salary Cost:					
Division Chief (1 person @ 27,000)	27,000.00	29,700.00	33,264.00	38,253.60	43,991.64
Assistance Division Chief (1 person @ 23,000)	23,000.00	25,300.00	28,336.00	32,586.40	37,474.36
Staff Cost:					
Remittance Officer 11 (2 persons @ 13,000)	26,000.00	28,080.00	30,888.00	34,594.56	38,745.91
Remittance Officer 10 (2 persons @ 12,000)	24,000.00	25,920.00	28,512.00	31,933.44	35,765.45
Remittance Officer 9 (1 persons @ 11,000)	11,000.00	11,880.00	13,068.00	14,636.16	16,392.50
Remittance Officer 8 (1 persons @ 10,000)	10,000.00	10,800.00	11,880.00	13,305.60	14,902.27
Remittance Officer 7 (1 persons @ 9,000)	9,000.00	9,720.00	10,692.00	11,975.04	13,412.04
Total Monthly Salary Cost	130,000.00	141,400.00	156,640.00	177,284.80	200,684.18
Total Annual Salary Cost	1,560,000.00	1,696,800.00	1,879,680.00	2,127,417.60	2,408,210.11
Office Supplies & Miscellaneous Cost:					
Stationary (Per Annual)	4,800.00	5,040.00	5,292.00	5,556.60	5,834.43
Paper (Per Annual)	3,240.00	3,402.00	3,572.10	3,750.71	3,938.24
Utilities (Per Annual)	18,000.00	18,900.00	19,845.00	20,837.25	21,879.11
Miscellaneous (Per Annual)	14,400.00	14,832.00	15,276.96	15,735.27	16,207.33
Total Annual Office Supplies & Miscellaneous Cost	40,440.00	42,174.00	43,986.06	45,879.82	47,859.11
Total Annual Operating Cost	1,600,440.00	1,738,974.00	1,923,666.06	2,173,297.42	2,456,069.22
Total Manual System Cost	1,620,852.00	1,759,386.00	1,944,078.06	2,193,709.42	2,476,481.22

Table 3.7. Five Years Accumulated Cost of Manual System, Baht.

Year	Total Manual Cost	Accumulated
1	1,620,852.00	1,620,852.00
2	1,759,386.00	3,380,238.00
3	1,944,078.06	5,324,316.06
4	2,193,709.42	7,518,025.48
5	2,476,481.22	9,994,506.70
Total	9,994,506.70	-



3.5.2 Costs of Computerized System

Table 3.8. Computerized System Cost Analysis, Baht.

Cost items	Years				
	1	2	3	4	5
Fixed Cost					
Hardware Cost:					
Personal Computer Cost (5 units @ 38,500)	38,500.00	38,500.00	38,500.00	38,500.00	38,500.00
Computer Server Cost (1 unit @ 207,500)	41,500.00	41,500.00	41,500.00	41,500.00	41,500.00
Network Cost	11,400.00	11,400.00	11,400.00	11,400.00	11,400.00
Dot Matrix Printer (2unit@18,500)	7,400.00	7,400.00	7,400.00	7,400.00	7,400.00
Laser Jet Printer HP 4050N (1 unit @ 70,900)	14,180.00	14,180.00	14,180.00	14,180.00	14,180.00
UPS, VA 600	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
Total Hardware Cost	117,980.00	117,980.00	117,980.00	117,980.00	117,980.00
Maintenance Cost:					
Maintenance Cost	-	240,000.00	252,000.00	264,600.00	277,830.00
Total Maintenance Cost	-	240,000.00	252,000.00	264,600.00	277,830.00
Software Cost:					
Operating System Software Cost	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00
Other Software Cost	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00
Total Software Cost	166,000.00	166,000.00	166,000.00	166,000.00	166,000.00
Implementation Cost:					
Training Cost	120,000.00	-	-	-	-
Implement Cost	142,250.00	-	-	-	-
Total Implementation Cost	262,250.00	-	-	-	-
Total Fixed Cost	546,230.00	523,980.00	535,980.00	548,580.00	561,810.00
Operating Cost					
Salary Cost:					
Division Chief (1 person @ 27,000)	27,000.00	29,700.00	33,264.00	38,253.60	43,991.64
Remittance Officer 11 (1 persons @ 16,500)	16,500.00	17,820.00	19,602.00	21,954.24	24,588.75
Remittance Officer 10 (1 persons @ 13,000)	13,000.00	14,040.00	15,444.00	17,297.28	19,372.95
Remittance Officer 9 (1 persons @ 13,000)	13,000.00	14,040.00	15,444.00	17,297.28	19,372.95
Remittance Officer 8 (1 persons @ 11,500)	11,500.00	12,420.00	13,662.00	15,301.44	17,137.61
Total Monthly Salary Cost	81,000.00	88,020.00	97,416.00	110,103.84	124,463.91
Total Annual Salary Cost	972,000.00	1,056,240.00	1,168,992.00	1,321,246.08	1,493,566.91
Office Supplies & Miscellaneous Cost:					
Stationary (Per Annual)	4,800.00	5,040.00	5,292.00	5,556.60	5,834.43
Continuous Paper & A4 Paper (Per Annual)	30,600.00	32,130.00	33,736.50	35,423.33	37,194.49
Utilities (Per Annual)	18,000.00	18,900.00	19,845.00	20,837.25	21,879.11
Miscellaneous (Per Annual)	145,000.00	149,350.00	153,830.50	158,445.42	163,198.78
Total Annual Office Supplies & Miscellaneous	198,400.00	205,420.00	212,704.00	220,262.59	228,106.81
Total Annual Operating Cost	1,170,400.00	1,261,660.00	1,381,696.00	1,541,508.67	1,721,673.72
Total Computerize System Cost	1,716,630.00	1,785,640.00	1,917,676.00	2,090,088.67	2,283,483.72

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Table 3.9. Five Years Accumulated Cost of Computerized System, Baht.

Year	Total Computerized Cost	Accumulated
1	1,716,630.00	1,716,630.00
2	1,785,640.00	3,502,270.00
3	1,917,676.00	5,419,946.00
4	2,090,088.67	7,510,034.67
5	2,283,483.72	9,793,518.39
Total	9,793,518.39	-

3.5.3 Cost Comparison and Breakeven Analysis

Table 3.10. The Comparison of the System Costs, Baht.

Year	Accumulated Manual Cost	Accumulated Computerized Cost
1	1,620,852.00	1,716,630.00
2	3,380,238.00	3,502,270.00
3	5,324,316.06	5,419,946.00
4	7,518,025.48	7,510,034.67
5	9,994,506.70	9,793,518.39

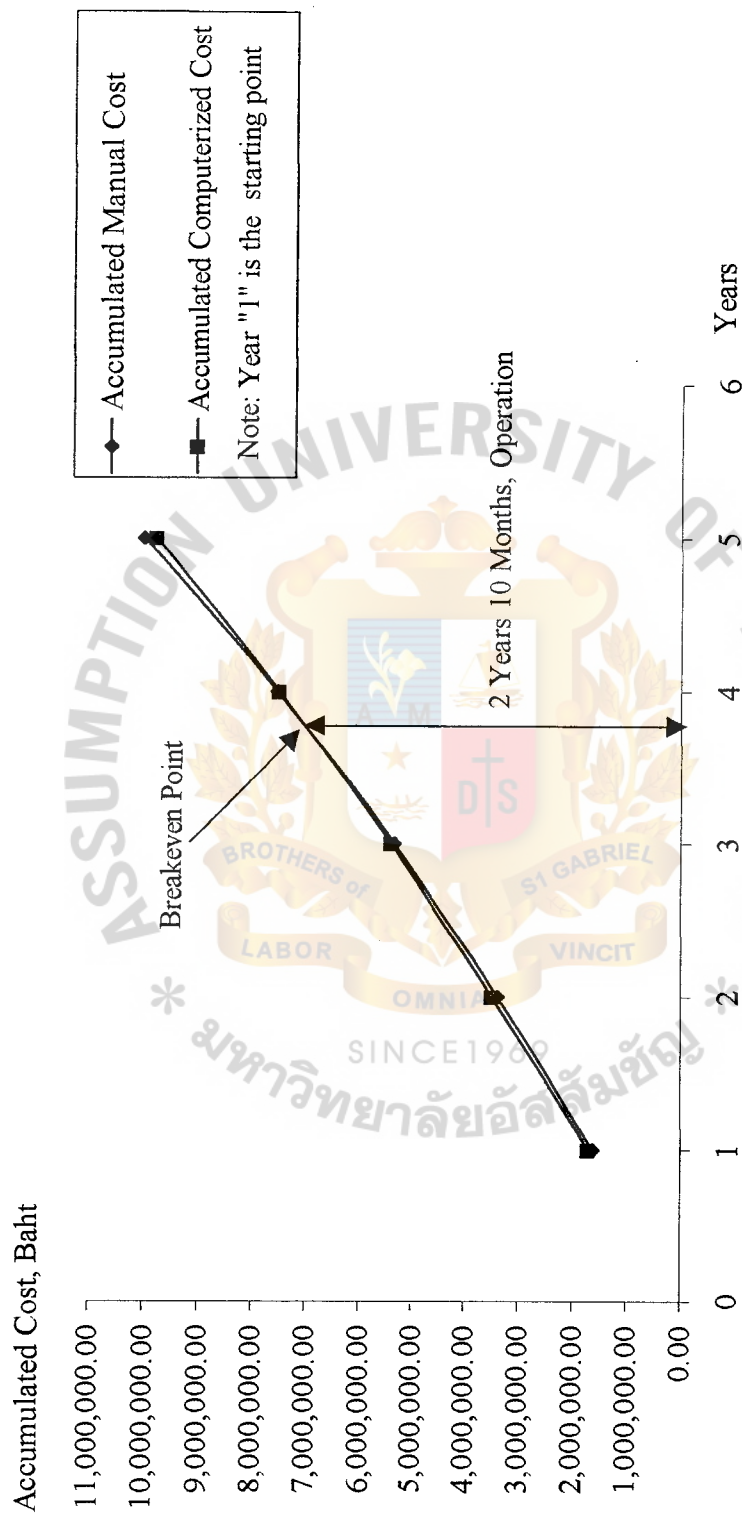


Figure 3.31. Cost Comparison between Manual and Computerized System.

3.5.4 Benefit Analysis

(1) Tangible Benefits

Cost reduction is major benefit of the proposed system. The resource utilization will be more efficient. Although Salary cost is reduced while Office supplies and miscellaneous greatly cost are increased but approximately there is an increase of at least 6 transactions per day (each transaction has commission charge 400 Baht) as shown below:

$$\begin{aligned}\text{The first year benefit} &= (1,560,000-972,000) + (40,440-198,400) \\ &\quad + (6*400*22*12) \\ &= 1,063,640\end{aligned}$$

$$\begin{aligned}\text{The second year benefit} &= (1,696,800-1,056,240) + (42,174-205,420) \\ &\quad + (6*400*22*12) \\ &= 1,110,914\end{aligned}$$

$$\begin{aligned}\text{The third year benefit} &= (1,879,680-1,168,992) + (43,986-212,704) \\ &\quad + (6*400*22*12) \\ &= 1,175,570\end{aligned}$$

$$\begin{aligned}\text{The forth year benefit} &= (2,127,417.60-1,321,246.08) \\ &\quad + (45,879.82-220,262.59) + (6*400*22*12) \\ &= 1,265,388.75\end{aligned}$$

$$\begin{aligned}\text{The fifth year benefit} &= (2,408,210.11-1,493,566.91) \\ &\quad + (47,859.11-228,106.81) + (6*400*22*12) \\ &= 1,367,995.50\end{aligned}$$

(2) Intangible Benefits

- (a) Providing more accurate information and efficiency than the existing system.
- (b) Reducing the time consuming and improving the efficiency of the operation.
- (c) Reducing human error in doing documentation.
- (d) Reducing some redundant tasks.
- (e) Providing fast and efficient service to the customers.
- (f) Providing up-to-date information and reports to support the management's decision making.
- (g) Providing the flexibility in responding to changes or maintenance.
- (h) Making it easier and faster to search for the required information.
- (i) Improving in security and controlling system.
- (j) Making it easier and faster to generate the reports.

Table 3.11. Payback Analysis for the Proposed System, Baht.

Cost Items	Years					
	0	1	2	3	4	5
Development cost	-1,682,150.00	-	-	-	-	-
Operation & maintenance cost	0	-240,000.00	-252,000.00	-264,600.00	-277,830.00	-291,721.50
Discount factors for 10%	1.000	0.909	0.826	0.751	0.683	0.620
Time adjusted costs (adjusted to present value)	-1,682,150.00	-218,160.00	-208,152.00	-198,714.60	-189,757.89	-180,867.33
Cumulative time-adjusted costs over lifetime	-1,682,150.00	-1,900,310.00	-2,108,462.00	-2,307,176.60	-2,496,934.49	-2,677,801.82
Benefits derived from operation of new system	0	1,063,640.00	1,110,914.00	1,175,570.00	1,265,388.75	1,367,995.50
Discount factors for 10%	1.000	0.909	0.826	0.751	0.683	0.620
Time adjusted costs (adjusted to present value)	0	966,848.76	917,614.96	882,853.07	864,260.52	848,157.21
Cumulative time-adjusted benefit over lifetime	0	966,848.76	1,884,463.72	2,767,316.79	3,631,577.31	4,479,734.52
Cumulative lifetime time- adjusted cost + benefits	-1,682,150.00	-933,461.24	-223,998.28	460,140.19	1,134,642.82	1,801,932.70

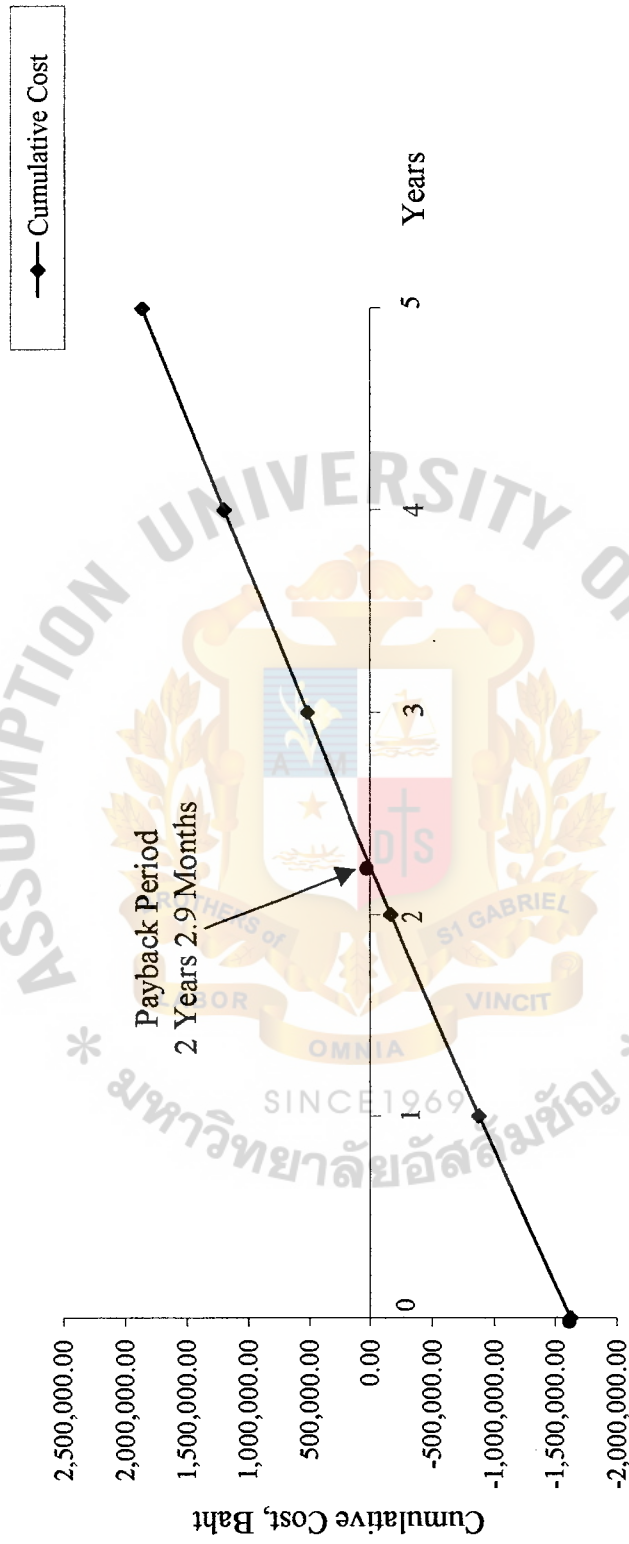


Figure 3.32. Payback Analysis.

Table 3.12. The Comparison of the Accumulated Investment Cost of the Proposed System and Accumulated Benefit from the Proposed System, Baht.

Year	Accumulated Cost	Accumulate Benefit	Accumulated (Benefit-Cost)
1	1,843,060.00	966,848.76	-876,211.24
2	2,051,212.00	1,884,463.72	-166,748.28
3	2,249,926.60	2,767,316.79	517,390.19
4	2,439,684.49	3,631,577.31	1,191,892.82
5	2,620,551.82	4,479,734.52	1,859,182.70

As the accumulated (benefit-cost) field above, it shows that the first to fourth year is negative but it can be positive in the fifth. So payback period is between the forth and the fifth year.

Payback period can be calculated from:

$$166,748.28 / (166,748.28 + 517,390.19)$$

$$= 0.243 \text{ years}$$

$$= 0.243 * 12 = 2.91 \text{ months}$$

From Figure 3.32 it can be discussed that by changing to the proposed system the cost is high in the initial period, then the first until the second years have high accumulated cost consecutively. Therefore, the payback period is during 2 years and 2.9 months. While the Breakeven point is calculated from when the point of the Proposed System Cost is equal to the Existing System Cost, which results to 2 years and 10 months. The proposed system generates the benefit faster than the existing system, so in each year the organization can reduce the retained loss until it equals to 0 which is the payback point and after this the organization will get the retained earning.



IV. PROJECT IMPLEMENTATION

4.1 Overview of Project Implementation

Process implementation is set up based on the system conversion concept, although the proposed system has been already implemented, the processing has to work on both the manual system and the computerized system for a period of time. In this period, the users still do double jobs on the manual system and the computerized system until the operation of the computerized system has been accepted to be profitable.

Project implementation is the process for creating the system and application. The implementation is divided into the following sections.

(1) System Analysis

This major function is all information about the existing system, including data flows, how data relates or is kept to each other, the studying area must be identified. Next function is Objectives and Scope of this project. At this stage, the context diagram and data flow diagram are created including both the existing system and the computerized system cost & benefit analysis are also performed.

(2) System Design

The significant function is to develop the working process of the existing system and the new working process of the computerized system. The context diagram and the data flow diagram at different level will be designed in order to solve the problems of the existing system. The relationship of data in each table is studied in order to define the best relation for the computerized system. The steps of work at each process are designed

to reduce the time consuming and any problems including user interface screens and various kinds of reports are also designed in this phase.

(3) Implementation

The main objective is physical implementation. The programs that support the working process have to be created. All user interface screens and report layouts are also generated to support the design. The implementation of the proposed system uses a particle installation. The followings are the implementation processes for the proposed system.

(a) Training users and related staffs

It is an important part of the implementation, since they must be able to run the system without the intervention of the system analysts. It explains how to use the application program with user manual and train the operational users to fill the forms and key data into screen.

(b) Writing procedures

It explains what is to be done, who is responsible to handle it, which is supposed to do, and how it will be done.

(c) Conversion

It uses a partial conversion. The development teams and users coordinate to prepare data, persons and set data to convert partial data until completion.

(d) Period back-up

Periodic back-up schedule is prepared for recovery of data after system falls down.

After testing, if the users are not satisfied with the new system, they can ask the system developer team to correct the system until they accept it.

4.2 Test Plan

The accepted testing programs of the new system cannot guarantee system reliability. Therefore, reliability must be designed into the system. A test case is a set of data that the system will process as normal input. However, the data are created with the express intention of determining whether the system will process them correctly. Each module will be tested separately with a test case. After finish testing all the modules, a new test case will be prepared for the testing of the whole program. If any errors are found at this stage, all of them have to be fixed until no errors are found after performing the final test by using another test case.

The system testing is the important process. Testing of programs, subprograms, and total systems are essential to the quality assurance of software. Testing is done to turn up any existing problems with programs and then interfaces before the system is actually used. Actually, the most important thing is the understanding that testing is the process of executing a program with the explicit intention of finding errors that make the programs fail.

The testing of the proposed system is divided into the following subtasks.

(1) Unit Testing (essential)

(a) Program Testing:

For this step, programmer must create both valid and invalid test data and tests all possible cases. To create a test data one should test the minimum and maximum values possible.

(b) Link Testing:

When programs pass individual testing program, they must go through link testing. Link testing checks to see that interdependently it can work together as it is planned.

(2) System Testing (essential)

The entire system is run. The objective of the system testing is to verify that programs meet the original programming specifications and make sure that the entire system functions as a whole, when all the programs are interconnected. This subtasks such as the following:

(a) User acceptance Testing:

It is the responsibility of the users to make their own data to test the system in order to accomplish their requirements.

(b) Operation acceptance Testing:

To ensure that the proposed system will have functions in the production environment without adversely affecting the existing system.

(3) Security and Recovery Testing (essential)

To ensure that the new system is secured enough to protect unauthorized users from accessing into the system. Moreover, if failures happen to the database, the system should be able to recover those data.

V. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The purpose of this system development project is to analyze, design, and implement the “Outward Foreign Remittance System” for banking business in an interactive mode to serve at an operation level. Although this proposed system incurs high initial cost of investment, it can provide fast service and correct daily operation for operation and base for decision making for management.

In the existing system, the major daily tasks are performed manually by the remitting staffs. There is data redundancy and it is very time consuming to process data or to search the customer information, customer’s documents or any information about the beneficiary. The current system also needs many operation staffs to perform in each task of daily processing.

The proposed system can reduce the manpower and increases the efficiency of internal operations. The user interfaces are implemented to make it convenient for the users to input data, create S.W.I.F.T. and generate both daily reports and monthly reports due to the bank essentially uses both the internal and external reports. Programs are coded in Microsoft Access 2000. The network is Local Area Network (LAN) that is appropriate to be adapted or connected to other system. It also provides security and control. Only the authorized user I.D can access to this system which is protected by the user’s passwords.

Table 5.1 shows the time performance on each process of the proposed system compared with the existing system.

Table 5.1. The Degree of Achievement of the Proposed System.

No.	Process	Existing System	Proposed System
1.	Prepare Application	30 minutes	10 minutes
2.	Exchange Rate Confirmation	10 minutes	2 minutes
3.	Calculate Remittance Payment	3 minutes	1 minute
4.	Check Customer I.D.	-	2 minutes
5.	Create Customer I.D.	-	3 minutes
6.	Register S.W.I.F.T. Reference No.	17 minutes	5 minutes
7.	Create S.W.I.F.T. set (per set)	20 minutes	10 minutes
8.	Produce Reports	3 hours	30 minutes
Total		4 hours 20 minutes	1 hour 3 minutes

The above table shows that each process of the proposed system consumes much less time than each process of the existing system. In the existing system, all processes are done manually, the time taken to operate all work steps is quite long.

The comparison between the existing system and the proposed system as follows:

(1) Prepare Application Process

The existing system, the customers have been given the all of information for outward foreign remittance by oral before fill the application form at the counter service. The proposed system, the customers have been given the terms and conditions of outward foreign remittance as well as the application form for preparing by themselves before submit the application and the documents to the counter service.

(2) Exchange Rate Confirmation Process

The existing system, each transaction had been informed the Foreign Exchange Trading Dept. that the amount and currency selling by calling. The

existing system problem is engaged line in the other hand the proposed system uses lease line.

(3) Calculate Remittance Payment Process

The total amount of the existing system is calculated by manually, the total amount of the proposed system is calculated by automatically.

(4) Check Customer I.D. Process

There is this process only the proposed system.

(5) Create Customer I.D. Process

There is this process only the proposed system.

(6) Register S.W.I.F.T. Reference No. Process

The existing system, some process overlap with other process due to manual register system has to register on both books and slips. The proposed system does not register on any book, the system generates transaction slips automatically.

(7) Create S.W.I.F.T. Set Process

The existing system, any transaction slips have been created by typing the typewriter and use copy paper for complete slips. If the mistakes have occurred, it must be canceled and retype all. The proposed system, these slips have been generated by programming, that no need copy paper. Correction of the mistakes is on the user interface screen.

(8) Produce Report Process

The existing system, entire transaction slips and currency must be separated by manually to sum total amount for generating report in the other hand the proposed system can generate the reports by database programming.

In conclusion, it can be explained that the proposed system is more efficient and effective than the existing system and helps reduce the number of staffs and time spent on S.W.I.F.T. transaction processing, solves the problems of manual system, decreases the high maintenance cost, and supports the management's decision making with accurate information and reports.

5.2 Recommendations

After the proposed system is utilized, the organization should continuously study more about information technology as well as other new technologies such as transferring the money to foreign by bank's website. In the near future, the organization may allow remote access for customers. The customers have to sign agreement, other bank remittance conditions with the bank and open the saving account for money transferring. Customer may be allowed to obtain the necessary information such as transaction charge, exchange rate, commission and other information from their remote site. When the customer wishes to remit his money to foreign countries, he can perform remittance order easily as by following the instruction steps on the bank's remittance webpage by himself. It can reduce the customer's expense, organization cost, make convenient, create customer's confidence and good images for the organization. But the Information Technology Department must control the security system seriously

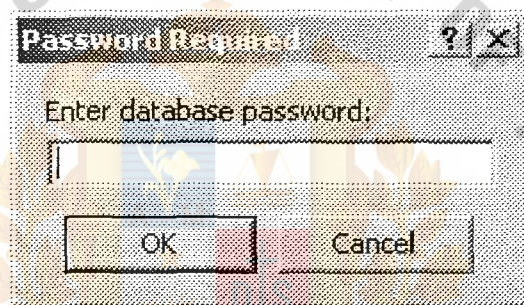
including concentration on the regulations of Bank of Thailand that control seriously for banks and customers.

In the future, the organization may want to develop the other computerized systems for other departments or branches including to extend this proposed system to other branches. The studying, analyze, design, experience and results from implementation of this proposed system will generate great benefit for the organization.





APPENDIX A
SCREEN DESIGN



Password Required

Enter database password:

OK Cancel

Figure A.1. Outward Foreign Remittance System Password Form.

User ID : Form

B Bank Public Company Limited

Outward Foreign Remittance Division

User ID. :

Password :

Record: 1 of 1

Figure A.2. Login Form.

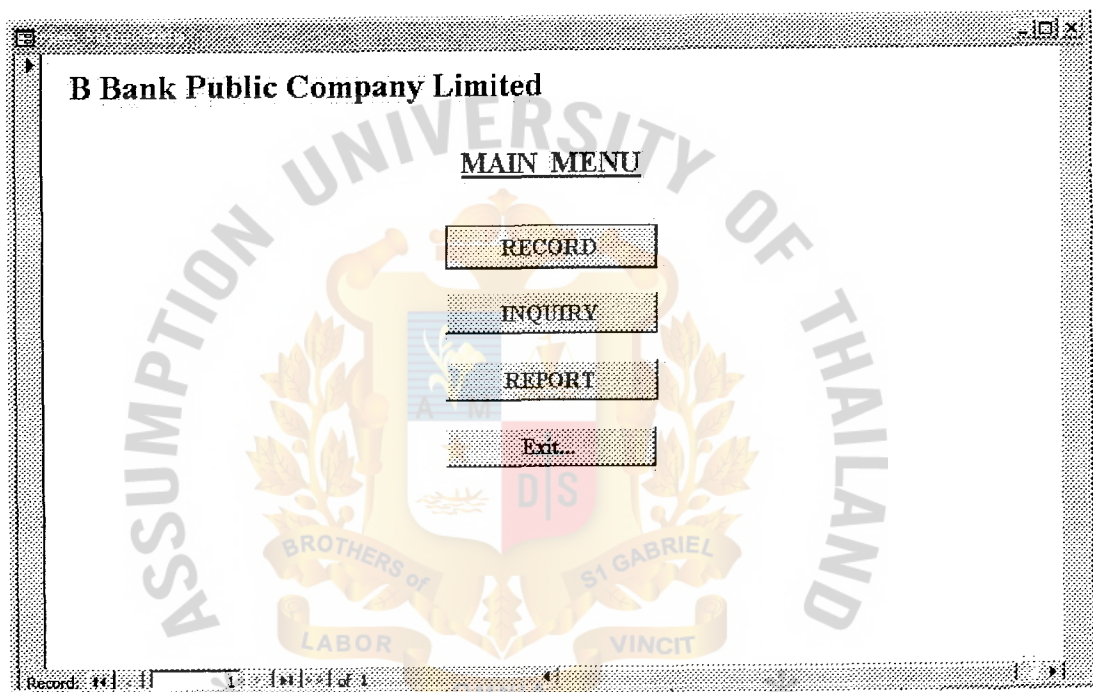


Figure A.3. Main Menu Form.

B Bank Public Company Limited

Record Menu

CUSTOMER

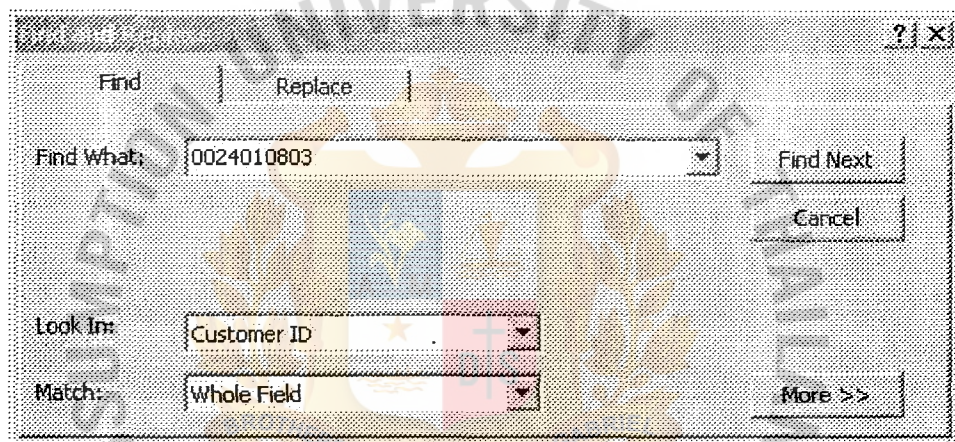
S.W.I.F.T.

DOCUMENT

Exit...

Record: 14 1 of 1

Figure A.4. Record Menu Form.



The image shows a 'Find' dialog box with a title bar containing a question mark and a close button. It has two tabs: 'Find' (selected) and 'Replace'. The 'Find What:' field contains the text '0024010803'. To its right are 'Find Next' and 'Cancel' buttons. The 'Look In:' field is set to 'Customer ID'. The 'Match:' field is set to 'Whole Field'. A 'More >>' button is located at the bottom right. A large, semi-transparent watermark of a university crest is visible in the background.

Find		Replace	
Find What:	0024010803	Find Next	Cancel
Look In:	Customer ID		
Match:	Whole Field	More >>	

* Figure A.5. Customer Record Find Form. *
SINCE 1969
มหาวิทยาลัยอัสสัมชัญ

B BANK PUBLIC COMPANY LIMITED		CUSTOMER RECORDS	
OUTWARD FOREIGN REMITTANCE			
Customer ID	0024010803	Customer Tax ID	3-32087459-0
Customer Name	GOLD MINE GARMENT CO., LTD.		Customer Account
Address	1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		
Telephone Number	(02) 361-1157		
Fax Number	(02) 361-1163	Customer Type	08
		Business Type	57
Email Address	garment@goldmine.co.th		
Group Type <input type="radio"/> 01 AGRICULTURE <input type="radio"/> 02 MINING <input checked="" type="radio"/> 03 INDUSTRIAL <input type="radio"/> 04 HANDICRAFT <input type="radio"/> 05 COMMERCIAL <input type="radio"/> 06 BANKING FINANCIAL <input type="radio"/> 07 CONSTRUCTION <input type="radio"/> 08 INFRASTRUCTURE <input type="radio"/> 09 SERVICE <input type="radio"/> 10 PERSONEL			
<div> ← → Find Create Save Delete S.W.I.F.T Document MENU Print </div>			
Record: 14 24 11 28 of 28			

Figure A.6. Customer Record.

Find | Replace

Find What: 013001OR00024 Find Next

Cancel

Look In: SWIFT Reference Number

Match: Whole Field More >>

Figure A.7. S.W.I.F.T Record Find Form.

B BANK PUBLIC COMPANY LIMITED				S.W.I.F.T. RECORDS	
OUTWARD FOREIGN REMITTANCE					
SWIFT Reference Number: 013001OR00024		SWIFT Number: 0010011		Customer ID: 0024010803	User ID: 013019
Branch Code: 0130	Cy: <input checked="" type="radio"/> Naoya <input type="radio"/> Yeohu	Country Code: 109	Customer Name: GOLD MINE GARMENT CO., LTD.		
Send Date: 4/23/2001	Value Date: 4/23/2001	Address: 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270			
Currency: USD	Exchange Rate: 45.00				
Remittance Amount: 6,748.00	Telephone Number: (02) 361-1157	Foreign Trading Code: 01			
Local Amount: 303,660.00	Sender's Correspondent:				
Commission: 100.00	Transaction Charge: 300.00	Receiver's Correspondent:			
Total Amount: 304,060.00	Beneficiary Bank:		HSBC BANK, TSIM SHA TSUI BRANCH, 82-84 NATHAN RD., TSIM SHA KLN, HONG KONG		
Details of Charge: <input checked="" type="radio"/> GIBS <input type="radio"/> EFN	Beneficiary Account Number:		181-45-3937-0		
Details of Payment: GOODS	Beneficiary Name:		ORIENTAL BUTTONS LIMITED		
Ordering Bank: BKKBTHBK	Beneficiary Address:		54/746, TSIM SHA TSUI NATHAN RD., HONG KONG		
Reimbursing Bank: BKKBHKHH					
<div> ← → Find... Create Save Delete Customers Document MENU Print... </div>					
Record: 14 / 24 * 11 ** of 28					

Figure A.8. S.W.I.F.T Record.

Find Replace

Find What: 013001DC00024 Find Next

Look In: Document Number Cancel

Match: Whole Field More >>

Figure A.9. Document Record Find Form.

B BANK PUBLIC COMPANY LIMITED **DOCUMENT RECORDS**

OUTWARD FOREIGN REMITTANCE

Document Number	013001DC00024	SWIFT Reference Number	013001OR00024	User ID	013019
Document Date	4/23/2001	Currency	USD	Remittance Amount	6,748.00
Document Type	PROFORMA INVOICE	Customer Name	GOLD MINE GARMENT CO., LTD.		
Details of Document	NO. P-0385/01	Beneficiary Name	ORIENTAL BUTTONS LIMITED		
		Business Type	57	Product Type	7701

Record: 14 | 24 | of 28

Figure A.10. Document Record.

B Bank Public Company Limited

INQUIRY MENU

Inquiry Customer

Inquiry S.W.I.F.T

Inquiry Document

Exit...

Record: 11 | 1 of 1

Figure A.11. Inquiry Menu Form.

B Bank Public Company Limited

Inquiry Customer

Customer ID : 0024010803

Customer Name :

Customer TAX :

Customer Account :

Back Main Menu

Record: 14 of 1

Figure A.12. Inquiry Customer Form.

B BANK PUBLIC COMPANY LIMITED **CUSTOMER RECORDS**

OUTWARD FOREIGN REMITTANCE

Customer ID: 0024010803 Customer Tax ID: 3-32087459-0 Customer Account: 130-3-07109-4

Customer Name: GOLD MINE GARMENT CO., LTD. Address: 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270

Telephone Number: (02) 361-1157

Fax Number: (02) 361-1163 Customer Type: 08 Remittance Type: 57 User ID: 013019

Email Address: garment@goldmine.co.th

Group Type

☐ 01 AGRICULTURAL
 ☐ 05 COMMERCIAL
 ☐ 09 SERVICE

☐ 02 MINING
 ☐ 06 BANKING/FINANCIAL
 ☐ 10 PERSONNEL

☒ 03 INDUSTRIAL
 ☐ 07 CONSTRUCTION

☐ 04 HANDICRAFT
 ☐ 08 INFRASTRUCTURE

Update Back MENU Print

Record: 14 1 *+1** of 1 (Filtered)

Figure A.13. Inquiry Customer Records Form.

B Bank Public Company Limited

INQUIRY S.W.I.F.T

S.W.I.F.T Reference No. : 013001ORD0024

S.W.I.F.T Number :

[Back](#) [Main Menu](#)

Record: 1 of 1

Figure A.14. Inquiry S.W.I.F.T. Form.

B BANK PUBLIC COMPANY LIMITED				S.W.I.F.T. RECORDS			
OUTWARD FOREIGN REMITTANCE							
SWIFT Reference Number		013001OR00024		SWIFT Number		0010011	
Branch Code		0130		Customer ID		0024010803	
Cr.		<input checked="" type="radio"/> Nostra <input type="radio"/> Vostro		User ID		013019	
Country Code		109		Customer Name			
Send Date		4/23/2001		1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270			
Value Date		4/23/2001		Address			
Currency		USD		Exchange Rate		45.00	
Remittance Amount		6,748.00		Telephone Number		(02) 361-1157	
Local Amount		303,860.00		Foreign Trading Code		01	
Commission		100.00		Sender's Correspondent			
Transaction Charge		300.00		Receiver's Correspondent			
Total Amount		304,060.00		Beneficiary Bank		HSBC BANK, TSIM SHA TSUI BRANCH, 82-84 NATHAN RD., TSIM SHA KLN, HONG KONG	
Details of Charge		<input checked="" type="radio"/> OURS <input type="radio"/> BEN		Beneficiary Account Number		181-45-3937-0	
Details of Payment		GOODS		Beneficiary Name		ORIENTAL BUTTONS LIMITED	
Ordering Bank		BKKBTHBK		Beneficiary Address		54/746, TSIM SHA TSUI NATHAN RD., HONG KONG	
Reimbursing Bank		BKKBHKKH					
				Update		Back	
				MENU		Print...	
Record: 11 1 1 of 1 (Filtered)							

Figure A.15. Inquiry S.W.I.F.T Records Form.

B Bank Public Company Limited

INQUIRY DOCUMENT

Document Number : 013001DC00024

Document Date :

[Back](#) [Main Menu](#)

Record 14 of 1

Figure A.16. Inquiry Document Form.

B BANK PUBLIC COMPANY LIMITED **DOCUMENT RECORDS**

OUTWARD FOREIGN REMITTANCE

Document Number	013001DC00024	SWIFT Reference Number	013001OR00024	User ID	013019
Document Date	4/23/2001	Currency	USD	Remittance Amount	6,748.00
Document Type	PROFORMA INVOICE	Customer Name	GOLD MINE GARMENT CO., LTD.		
Details of Documents	NO. P-0385/01	Beneficiary Name	ORIENTAL BUTTONS LIMITED		
		Business Type	57	Product Type	7701

Update Back RECALL Print...

Record: 1 of 1 (Filtered)

Figure A.17. Inquiry Document Records Form.

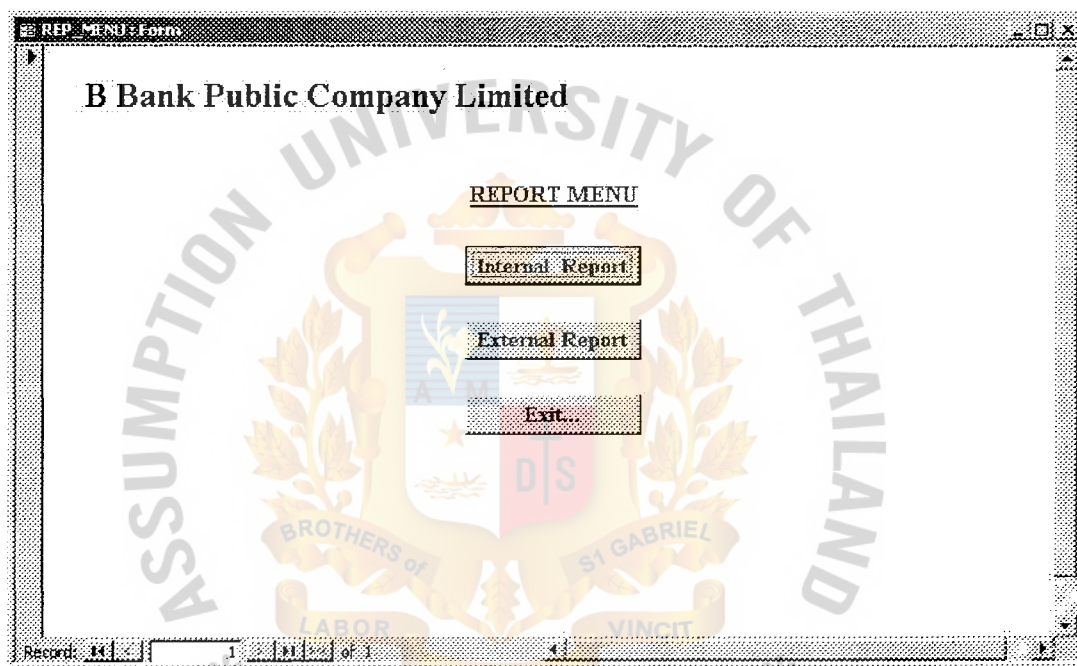


Figure A.18. Report Menu.

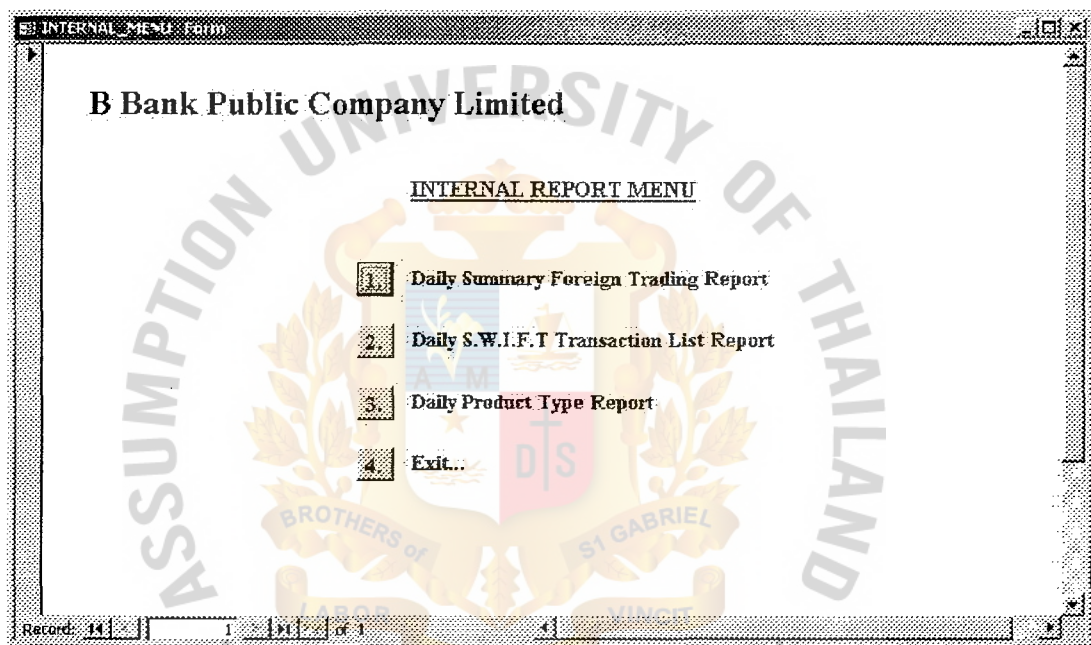


Figure A.19. Internal Report Menu.

EXTERNAL MENU : Form

B Bank Public Company Limited

EXTERNAL REPORT MENU

1. Daily Separate Foreign Trading Code 01,02,04,21 Report
2. Daily Credit Nostro/Vostro Account Report
3. Exit...

Record: 14 1 of 1

Figure A.20. External Report Menu.

DSFTR_B : Form

B Bank Public Company Limited

Dateable Report Menu

Date

Month / Year

Exit...

Record: 1 of 1

Figure A.21. Dateable Report Menu.

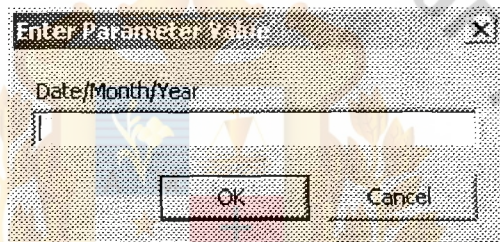


Figure A.22. Enter Date/Month/Year Parameter for Report Inquiry.

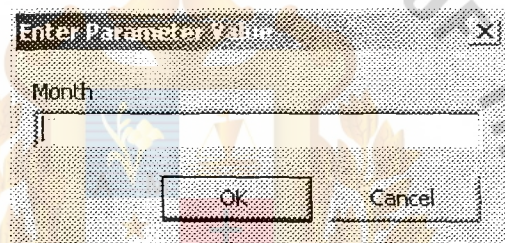
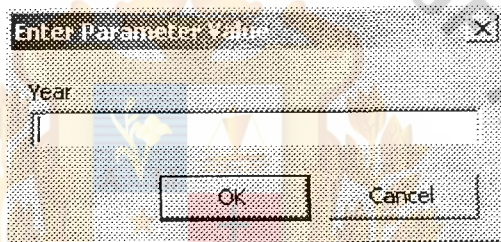


Figure A.23. Enter Month Parameter for Report Inquiry.



A screenshot of a software dialog box titled "Enter Parameter Value". The dialog box has a standard Windows-style title bar with a close button (X) in the top right corner. Inside the dialog, there is a label "Year" followed by a text input field. Below the input field, there are two buttons: "OK" and "Cancel". The dialog box is overlaid on a background that features a large, faint watermark of the Assumption University of Thailand logo, which includes a shield with a cross and the text "ASSUMPTION UNIVERSITY OF THAILAND", "BROTHERS of ST GABRIEL", "LABOR OMNIA VINCIT", and "SINCE 1969" in Thai script.

Figure A.24. Enter Year Parameter for Report Inquiry.

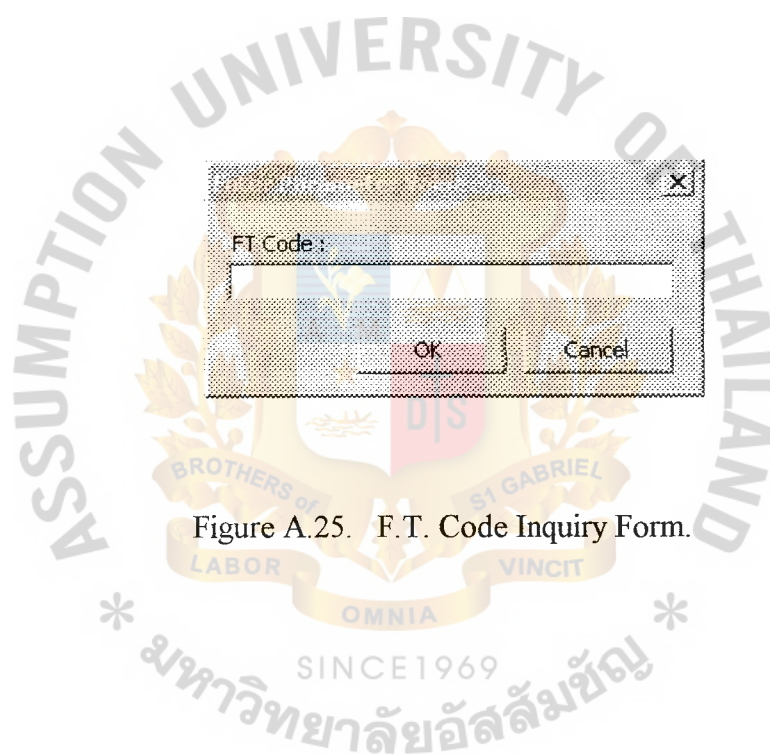


Figure A.25. F.T. Code Inquiry Form.



APPENDIX B
REPORT DESIGN

B Bank Public Company Limited**Daily Summary Foreign Trading Report****Total 9, 112,310.41**

4/19/2001

F.T. Code	Customer Tax ID	Customer Name	Currency	Amount
01	3-31095145-1	KASSINI GROUP CO.,LTD.	USD	16,576.36
02	1-03314654-3	PIBUL YAOVAPONGAREE MR.	NZD	10,500.05
01	3-31047535-9	VANDAPAC CO., LTD.	USD	3,540.00
01	3-31102849-7	TPC AUTOMATION CO., LTD.	EUR	4,657.00
01	3-31283197-4	NEO UNICAP CO., LTD.	USD	10,250.00
04	1-03964735-5	SUTTHI VONGCHINDARAK MR.	USD	5,400.00
21	3-31038276-1	DARMEX PETROLEUM	EUR	40,901.00
04	3-31128294-3	CONSTRUCTION AND PILLING	USD	19,486.00
02	1-03341956-4	PUANGTHONG KHUNRAK MRS.	NZD	1,000.00

Saturday, June 18, 2001

Page 1 of 1

Figure B.1. Daily Summary Foreign Trading.

B Bank Public Company Limited

Daily S.W.I.F.T. Transaction List Report

Total 9, 112,310.41

4/19/2001

SWIFT Ref. No.	SWIFT No.	Customer Name	Currency	Amount
013001OR00001	0009988	KASSINI GROUP CO.,LTD.	USD	16,576.36
013001OR00002	0009989	PIBUL Y.AOVAPONGAREE MR.	NZD	10,500.05
013001OR00003	0009990	VANDAPAC CO., LTD.	USD	3,540.00
013001OR00004	0009991	TPC AUTOMATION CO., LTD.	EUR	4,657.00
013001OR00005	0009992	NEO UNICAP CO., LTD.	USD	10,250.00
013001OR00006	0009993	SUTTHI VONGCHINDARAK MR.	USD	5,400.00
013001OR00007	0009994	DARMEX PETROLEUM (THAILAND)	EUR	40,901.00
013001OR00008	0009995	CONSTRUCTION AND PILLING CO.,	USD	19,486.00
013001OR00009	0009996	PUANGTHONG KHUNRAK MRS.	NZD	1,000.00

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Figure B.2. Daily S.W.I.F.T. Transaction List.

B Bank Public Company Limited

Daily Product Type Report

Total 1, 6,196.50

Month 5, 2001

Customer Name	Document Type	Country Code	Currency	Amount
BEST FORCE IMPORT & EXPORT CO.,LTD.	COMMERCIAL INVOICE	107	USD	6,196.50



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Figure B.3. Daily Product Type.

B Bank Public Company Limited

Daily Separate Foreign Trading Code 01

4/19/2001

Total 4, 35,023.36

F.T. Code	Customer Name	Customer Tax ID	Currency	Amount
01	KASSINI GROUP CO.,LTD.	3-31095145-1	USD	16,576.36
01	VANDAPAC CO., LTD.	3-31047535-9	USD	3,540.00
01	TPC AUTOMATION CO., LTD.	3-31102849-7	EUR	4,657.00
01	NEO UNICAP CO., LTD.	3-31283197-4	USD	10,250.00



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Figure B.4. Daily Separate Foreign Trading Code 01.

B Bank Public Company Limited

Daily Separate Foreign Trading Code 02

4/19/2001

Total 2,

11,500.05

F.T. Code	Customer Name	Customer Tax ID	Currency	Amount
02	PUANGTHONG KHUNRAK MRS.	1-03341956-4	NZD	1,000.00
02	PIBUL YAOVAPONGAREE MR.	1-03314654-3	NZD	10,500.05



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Figure B.5. Daily Separate Foreign Trading Code 02.

B Bank Public Company Limited

Daily Separate Foreign Trading Code 04

4/19/2001

Total 2,

24,886.00

F.T. Code	Customer Name	Customer Tax ID	Currency	Amount
04	CONSTRUCTION AND PILLING CO.,	3-31128294-3	USD	19,486.00
04	SUTTHI VONGCHINDARAK MR.	1-03964735-5	USD	5,400.00



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Figure B.6. Daily Separate Foreign Trading Code 04.

B Bank Public Company Limited

Daily Separate Foreign Trading Code 21

Total 1, 40,901.00

4/19/2001

F.T. Code	Customer Name	Customer Tax ID	Currency	Amount
21	DARMEX PETROLEUM (THAILAND) CORP. LTD.	3-31038276-1	EUR	40,901.00

ASSUMPTION UNIVERSITY OF THAILAND

BROTHERS of LABOR OMNIA VINCIT

SINCE 1969

มหาวิทยาลัยอัสสัมชัญ

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Figure B.7. Daily Separate Foreign Trading Code 21.

B Bank Public Company Limited

Daily Nostro/Vostro Account Report

4/19/2001

Total 9, 112,310.41

Cr. N/V	Value Date	Reimbursing Bank	Currency	Amount
1	4/20/2001	DEUTDEFF	EUR	40,901.00
1	4/19/2001	BKKBSGSG	USD	19,486.00
1	4/20/2001	BKNZNZ22	NZD	1,000.00
1	4/19/2001	IRVTUS3N	USD	16,576.36
1	4/20/2001	BKNZNZ22	NZD	10,500.05
1	4/19/2001	IRVTUS3N	USD	3,540.00
1	4/20/2001	BNLIITRR	EUR	4,657.00
1	4/19/2001	CHASUS33	USD	10,250.00
1	4/19/2001	BKKBUS33	USD	5,400.00

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Figure B.8. Daily Nostro/Vostro Account Report.

B Bank Public Company Limited

Monthly SWIFT Transaction List Report

Total 28, 4,059,064.41

Month 4, 2001

SWIFT Ref.	SWIFT No.	Customer Name	Currency	Rem. Amt.
013001OR00001	0009988	KASSINI GROUP CO.,LTD.	USD	16,576.36
013001OR00002	0009989	PIBUL YAOVAPONGAREE MR.	NZD	10,500.05
013001OR00003	0009990	VANDAPAC CO., LTD.	USD	3,540.00
013001OR00004	0009991	TPC AUTOMATION CO., LTD.	EUR	4,657.00
013001OR00005	0009992	NEO UNICAP CO., LTD.	USD	10,250.00
013001OR00006	0009993	SUTTHI VONGCHINDARAK MR.	USD	5,400.00
013001OR00007	0009994	DARMEX PETROLEUM (THAILAND)	EUR	40,901.00
013001OR00008	0009995	CONSTRUCTION AND PILLING CO., LTD.	USD	19,486.00
013001OR00009	0009996	PUANGTHONG KHUNRAK MRS.	NZD	1,000.00
013001OR00021	0010008	MARITIME DOLPHIN CO., LTD.	USD	2,270.00
013001OR00022	0010009	CENTASIA CO., LTD.	USD	59,144.00
013001OR00023	0010010	VALENCIA CHEMICAL CO., LTD.	USD	4,670.00
013001OR00024	0010011	GOLD MINE GARMENT CO., LTD.	USD	6,748.00
013001OR00025	0010012	SCIENTIFIC PROMOTION CO., LTD.	USD	39,497.00
013001OR00026	0010013	PATKOL PUBLIC CO.,LTD.	EUR	4,839.00
013001OR00027	0010014	METROLOGY CO., LTD.	USD	1,598.00
013001OR00028	0010015	ASADA (THAILAND) CO.,LTD.	JPY	136,989.00
013001OR00010	0009997	DIETHELM TRADING CO., LTD.	USD	5,064.00
013001OR00011	0009998	UNITHAI ELECTRONICS CO.,LTD.	USD	10,320.00
013001OR00012	0009999	PRIOR THAI CO., LTD.	USD	6,575.00
013001OR00013	0010000	NOBLE COSPER (THAILAND) CO., LTD.	SGD	15,136.00
013001OR00014	0010001	MEIWA MOLD (THAILAND) CO., LTD.	JPY	1,769,700.00
013001OR00015	0010002	LION TYRES (THAILAND) CO., LTD.	USD	1,500.00
013001OR00016	0010003	HIPRO ELECTRONICS PUBLIC CO., LTD.	USD	10,000.00
013001OR00017	0010004	S.Y. INTERTRADE LTD., PART	JPY	1,846,500.00
013001OR00018	0010005	DIEKSON ENTERPRISE CO.,LTD.	USD	3,000.00
013001OR00019	0010006	YUREE RUCHADAVONG MRS.	USD	10,374.00
013001OR00020	0010007	TECHNOLOGY INSTRUMENTS CO., LTD.	EUR	12,830.00

Figure B.9. Monthly S.W.I.F.T. Transaction List.

B Bank Public Company Limited

Monthly Separate Foreign Trading Code 01

Total 17, 1,959,498.36

Month 4 2001

F.T.	Customer Name	Customer Tax	Currency	Rem.Amt.
01	DIETHELM TRADING CO., LTD.	3-31120476-3	USD	5,064.00
01	UNITHAI ELECTRONICS CO.,LTD.	3-31235188-4	USD	10,320.00
01	KASSINI GROUP CO.,LTD.	3-31095145-1	USD	16,576.36
01	VANDAPAC CO., LTD.	3-31047535-9	USD	3,540.00
01	TPC AUTOMATION CO., LTD.	3-31102849-7	EUR	4,657.00
01	NEO UNICAP CO., LTD.	3-31283197-4	USD	10,250.00
01	TECHNOLOGY INSTRUMENTS CO.,	3-31054783-2	EUR	12,830.00
01	MARITIME DOLPHIN CO., LTD.	3-31005784-1	USD	2,270.00
01	VALENCIA CHEMICAL CO., LTD.	3-31066852-4	USD	4,670.00
01	GOLD MINE GARMENT CO., LTD.	3-32087459-0	USD	6,748.00
01	LION TYRES (THAILAND) CO., LTD.	3-31273449-2	USD	1,500.00
01	HIPRO ELECTRONICS PUBLIC CO.,	3-31223375-1	USD	10,000.00
01	S.Y. INTERTRADE LTD., PART	3-31295647-2	JPY	1,846,500.00
01	DIEKSON ENTERPRISE CO.,LTD.	3-31288417-9	USD	3,000.00
01	NOBLE COSPER (THAILAND) CO., LTD.	3-31129585-4	SGD	15,136.00
01	PATKOL PUBLIC CO.,LTD.	3-31054688-2	EUR	4,839.00
01	METROLOGY CO., LTD.	3-31054913-7	USD	1,598.00

Figure B.10. Monthly Separate Foreign Trading Code 01.

B Bank Public Company Limited**Monthly Separate Foreign Trading Code 02****Total 3, 148,489.05****Month 4 2001**

F.T.	Customer Name	Customer Tax	Currency	Rem.Amt.
02	PUANGTHONG KHUNRAK MRS.	1-03341956-4	NZD	1,000.00
02	PIBUL YAOVAPONGAREE MR.	1-03314654-3	NZD	10,500.05
02	ASADA (THAILAND) CO.,LTD.	3-31022874-6	JPY	136,989.00



Figure B.11. Monthly Separate Foreign Trading Code 02.

B Bank Public Company Limited

Monthly Separate Foreign Trading Code 04

Total 5, 1,811,535.00

Month 4 2001

F.T.	Customer Name	Customer Tax	Currency	Rem. Amt.
04	CONSTRUCTION AND PILLING CO.,	3-31128294-3	USD	19,486.00
04	PRIOR THAI CO., LTD.	3-31243944-1	USD	6,575.00
04	SUTTHI VONGCHINDARAK MR.	1-03964735-5	USD	5,400.00
04	YUREE RUCHADAVONG MRS.	1-03315822-9	USD	10,374.00
04	MEIWA MOLD (THAILAND) CO., LTD.	3-31239117-8	JPY	1,769,700.00



Figure B.12. Monthly Separate Foreign Trading Code 04.

B Bank Public Company Limited**Monthly Separate Foreign Trading Code 21****Total 3, 139,542.00****Month 4 2001**

F.T.	Customer Name	Customer Tax	Currency	Rem. Amt.
21	DARMEX PETROLEUM (THAILAND)	3-31038276-1	EUR	40,901.00
21	CENTASIA CO., LTD.	3-31062489-7	USD	59,144.00
21	SCIENTIFIC PROMOTION CO. ,LTD.	3-31066854-7	USD	39,497.00



Figure B.13. Monthly Separate Foreign Trading Code 21.



APPENDIX C

DATABASE DESIGN

Corporate Customer Database

Database D1

Table C.1. Structure of Customer Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	Customer ID	varchar(10)	Y	Y	-	-	-	Primary Key 1
2	Customer Tax ID	varchar(10)	Y	Y	-	REPORT	-	Primary Key 2
3	Customer Account	varchar(10)	Y	Y	-	-	-	Primary Key 3
4	User ID	varchar(10)	-	-	-	ACCOUNT DEPARTMENT	-	Foreign Key
5	Customer Name	varchar(50)	Y	-	-	-	-	Attribute
6	Customer Type	varchar(10)	-	-	-	-	-	Attribute
7	Group Type	varchar(10)	-	-	-	-	-	Attribute
8	Business Type	varchar(5)	-	-	-	-	-	Attribute
9	Address	varchar(200)	-	-	-	-	-	Attribute
10	Telephone Number	varchar(12)	-	-	Y	-	-	Attribute
11	Fax Number	varchar(12)	-	-	Y	-	-	Attribute
12	E-mail Address	varchar(20)	-	-	Y	-	-	Attribute

Corporate S.W.I.F.T Database

Database D2

Table C.2. Structure of S.W.I.F.T Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	S.W.I.F.T Reference Number	varchar(10)	Y	Y	-	RECORD	-	Primary Key 1
2	S.W.I.F.T Number	varchar(10)	Y	Y	-	RECORD	-	Primary Key 2
3	User ID	Varchar(10)	-	-	-	ACCOUNT DEPARTMENT	-	Foreign Key
4	Customer Name	varchar(50)	Y	-	-	-	-	Attribute
5	Address	varchar(200)	-	-	-	-	-	Attribute
6	Telephone Number	varchar(12)	-	-	Y	-	-	Attribute
7	Branch Code	varchar(5)	-	-	-	-	-	Attribute
8	Send Date	date	-	-	-	-	<1-Jan-01	Attribute
9	Reimbursing Bank	varchar(30)	-	-	-	-	-	Attribute
10	Value Date	date	-	-	-	-	<1-Jan-01	Attribute
11	Currency	number	-	-	Y	-	-	Attribute
12	Local Amount	int	Y	-	-	-	-	Attribute
13	Exchange Rate	number	-	-	-	-	-	Attribute
14	Beneficiary Name	varchar(50)	-	-	-	-	-	Attribute
15	Beneficiary Account Number	varchar(10)	-	-	-	-	-	Attribute
16	Beneficiary Address	varchar(200)	-	-	-	-	-	Attribute
17	Beneficiary Bank	varchar(30)	-	-	-	-	-	Attribute
18	Foreign Trading Code	varchar(10)	-	-	-	-	-	Attribute
19	Country Code	varchar(10)	-	-	Y	-	-	Attribute

Corporate S.W.I.F.T. Database

Database D2

Table C.2. Structure of S.W.I.F.T. Table (Continued).

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
20	Commission	number	-	-	Y	-	-	Attribute
21	Total Amount	number	-	-	-	-	-	Attribute
22	Ordering Bank	varchar(30)	-	-	-	-	-	Attribute
23	Sender's Correspondent	varchar(30)	-	-	Y	-	-	Attribute
24	Receiver's Correspondent	varchar(30)	-	-	Y	-	-	Attribute
25	Transaction Charge	number	-	-	Y	-	-	Attribute
26	Details of Charge	varchar(30)	-	-	Y	-	-	Attribute
27	Cr.Nostro/Vostro	varchar(10)	-	-	-	-	-	Attribute
28	Details of Payment	varchar(100)	-	-	-	-	-	Attribute
29	Remittance Amount	number	-	-	-	-	-	Attribute

Corporate Document Database

Database D3

Table C.3. Structure of Document Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	Document Number	varchar(10)	Y	Y	-	RECORD	-	Primary Key
2	User ID	varchar(10)	-	-	-	ACCOUNT DEPARTMENT	-	Foreign Key 1
3	S.W.I.F.T Reference Number	varchar(10)	Y	Y	-	RECORD	-	Foreign Key 2
4	Customer Name	varchar(50)	Y	-	-	DOCUMENT	-	Attribute
5	Details of Document	varchar(30)	-	-	-	-	-	Attribute
6	Document Type	varchar(5)	-	-	Y	-	-	Attribute
7	Document Date	date	-	-	-	-	<1-Jan-01	Attribute
8	Business Type	varchar(5)	-	-	-	-	-	Attribute
9	Beneficiary Name	varchar(50)	-	-	-	-	-	Attribute
10	Product Type	varchar(5)	-	-	-	-	-	Attribute
11	Currency	number	-	-	-	-	-	Attribute
12	Remittance Amount	number	-	-	-	-	-	Attribute

Corporate Account Department Database

Database D4

Table C.4. Structure of Account Department Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	User ID	varchar(10)	Y	Y	-	Bank Of Thailand	-	Primary Key
2	S.W.I.F.T Reference Number	varchar(10)	Y	Y	-	RECORD	-	Foreign Key
3	Branch Code	varchar(5)	-	-	-	-	-	Attribute
4	Value Date	date	-	-	-	-	<1-Jan-01	Attribute
5	Send Date	date	-	-	-	-	<1-Jan-01	Attribute

Corporate Report Database

Database D5

Table C.5. Structure of Report Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	Report Name	varchar(50)	Y	Y	-	-	-	Primary Key 1
2	Foreign Trading Reference Number	varchar(10)	Y	Y	-	-	-	Primary Key 2
3	Foreign Trading Code	varchar(10)	-	-	-	-	-	Attribute
4	Send Date	date	-	-	-	-	<1-Jan-01	Attribute
5	Customer Tax ID	varchar(10)	Y	Y	-	-	-	Foreign Key
6	Business Type	varchar(5)	-	-	-	-	-	Attribute
7	Country Code	varchar(10)	-	-	-	-	-	Attribute
8	Currency	number	-	-	-	-	-	Attribute
9	Amount	number	-	-	-	-	-	Attribute
10	Summary Foreign Trading Amount	number	-	-	-	-	-	Attribute

Corporate Bank Of Thailand Database

Database D6

Table C.6. Structure of Bank Of Thailand Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	Report Name	varchar(50)	Y	Y	-	REPORT		Foreign Key 1
2	User ID	varchar(10)	Y	Y	-	Bank Of Thailand	-	Foreign Key 2
3	Send Date	date	-	-	-	-	<1-Jan-01	Attribute
4	Bank Code	varchar(10)	-	-	-	-	-	Attribute
5	Branch Code	varchar(10)	-	-	-	-	-	Attribute

Corporate Record Database

Database D7

Table C.7. Structure of Record Table.

No.	Field Name	Field Type	Index	Unique	Nullable	Foreign Key to Table	Check	Key Type
1	Document Number	varchar(10)	Y	Y	-	-	-	Foreign Key 1
2	S.W.I.F.T Reference Number	varchar(10)	Y	Y	-	RECORD	-	Foreign Key 2
3	S.W.I.F.T Number	varchar(10)	Y	Y	-	RECORD	-	Foreign Key 3
4	User ID	varchar(10)	Y	Y	-	Bank Of Thailand	-	Foreign Key 4



APPENDIX D

PROCESS SPECIFICATION

PROCESS SPECIFICATION

Table D.1. Process Specification of Process 1.0.

Items	Descriptions
Process Name	Service Customer
Data In	(1) Application Form (2) Documents for Remittance
Data Out	(1) Application Form (2) Documents for Remittance (3) Daily Exchange Rate
Process	(1) Service the consulting Outward Foreign Remittance. (2) Declare the terms and conditions for Outward Foreign Remittance. (3) Advise the customer to prepare the documents and application for Outward Foreign Remittance.
Attachment	Customer

Table D.2. Process Specification of Process 1.1.

Items	Descriptions
Process Name	Explain the Regulations for Remittance
Data In	(1) Application Form (2) Documents for Remittance
Data Out	(1) Daily Exchange Rate (2) All Documents & Application Form
Process	Explain the regulations concerning Remittance to the customer to agree and undertake to comply with the terms and conditions stipulated by the ordering bank such as below: (1) In case of delay of payment resulting from any causes other than the bank fault or error, the customer agrees to pay all expense. (2) The given details in the application form will be assumed correct. (3) The S.W.I.F.T will be preceded as specified in the application when the bank has received absolute payment.
Attachment	Customer

Table D.3. Process Specification of Process 1.1.1.

Items	Descriptions
Process Name	Inquire the Remitting Purpose
Data In	(1) Application Form (2) Daily Exchange Rate (3) Documents for Remittance
Data Out	Remitting Purpose
Process	(1) Inquire that the customer purposes in order to report the Outward Foreign S.W.I.F.T. transactions document as regulations of B.O.T. (2) Notify that documents for outward foreign remittance are in accordance with the purpose of the ordering customer. (3) Arrange all complete and correct documents to be attached to the application form.
Attachment	Customer

Table D.4. Process Specification of Process 1.1.2.

Items	Descriptions
Process Name	Describe B.O.T Regulations
Data In	Remitting Purpose
Data Out	B.O.T Regulations
Process	(1) Describe the regulations of B.O.T for Outward Foreign Remittance to control foreign exchange trading of the commercial bank in Thailand. (2) Describe the difference of documents of Outward Foreign Remittance according to the purpose of the customer which are subject to the rules and regulations of the B.O.T.
Attachment	-

Table D.5. Process Specification of Process 1.1.3.

Items	Descriptions
Process Name	Notify Commission & Transaction Payment
Data In	B.O.T Regulations
Data Out	Commission & Transaction Information
Process	(1) Notify the customer of any expenses in the Outward Foreign Remittance together with the required commissions, transaction charges, fees, and other claimed charges by a bank abroad. (2) Notify the daily exchange rate in need of currency.
Attachment	-

Table D.6. Process Specification of Process 1.1.4.

Items	Descriptions
Process Name	Inform Transfer Term
Data In	Commission & Transaction Information
Data Out	Transfer Day Information
Process	(1) Inform the customer that terms of outward money transfer are subject to the local business hours or cut off times of the bank. (2) Inform that effect payment of each transfer is the same day as specified on valued date field of S.W.I.F.T.
Attachment	-

Table D.7. Process Specification of Process 1.1.5.

Items	Descriptions
Process Name	Require Document & Application
Data In	Transfer Day Information
Data Out	All Documents & Application Form
Process	<p>(1) Require the application to fill the messages in the blank.</p> <p>(2) Require the documents which are in accordance with the customer's purpose and the regulations of B.O.T. such as the documents for goods payment's purpose must be commercial invoice, proforma invoice or purchase order.</p>
Attachment	-

Table D.8. Process Specification of Process 1.2.

Items	Descriptions
Process Name	Advise for fill Application Form
Data In	All Documents & Application Form
Data Out	All Documents & Application Form
Process	<p>(1) Advise the customer to fill correctly and completely in each field of Application Form.</p> <p>(2) Advise the customer to fill the details of payment.</p> <p>(3) Advise the customer about the details of charge.</p>
Attachment	-

Table D.9. Process Specification of Process 1.2.1.

Items	Descriptions
Process Name	Fill the customer details.
Data In	All Documents & Application Form
Data Out	Customer Details
Process	(1) Fill all the customer details in the Application Form such as first name, last name, customer address and debit customer's account. (2) Fill the customer identification except the new customer who does not have identification. (3) Sign the customer's name and company's affixation in case of a juristic customer.
Attachment	-

Table D.10. Process Specification of Process 1.2.2.

Items	Descriptions
Process Name	Suggest Beneficiary Details
Data In	Customer Details
Data Out	Beneficiary Details
Process	(1) Suggest the customer to fill the beneficiary details. (2) Fill the beneficiary details in the compulsory fields such as beneficiary's name, account number, beneficiary's bank, and bank's address.
Attachment	-

Table D.11. Process Specification of Process 1.2.3.

Items	Descriptions
Process Name	Look up S.W.I.F.T Address
Data In	Beneficiary Details
Data Out	All Documents & Application Form
Process	Service to look up the S.W.I.F.T address of beneficiary's bank in case of details without S.W.I.F.T address.
Attachment	-

Table D.12. Process Specification of Process 1.3

Items	Descriptions
Process Name	Receive All Documents
Data In	All Documents & Application Form
Data Out	(1) Application Form (2) Documents for Remittance
Process	(1) Receive all documents from the customer request. (2) Attach the documents to application form for authorized approval.
Attachment	-

Table D.13. Process Specification of Process 2.0.

Items	Descriptions
Process Name	Prepare Application for Remittance
Data In	(1) Application Form (2) Documents for Remittance (3) Rejected Confirmation Form
Data Out	(1) Rejected Application (2) Rejected Documents (3) Foreign Exchange Rate Confirmation Form (4) Application Form (5) Documents for Remittance
Process	(1) Consider the matters of application and all documents carefully. (2) Confirm the exact exchange rate in application to Foreign Exchange Trading Department. (3) Reject the incomplete application and incorrect any documents to the customer. (4) Be informed of the incorrect exchange rate by the Foreign Exchange Trading Department.
Attachment	Customer

Table D.14. Process Specification of Process 2.1.

Items	Descriptions
Process Name	Check Application Form
Data In	Application Form
Data Out	(1) Rejected Application (2) Application Form
Process	(1) Check detail of each part in application form accurately such as details of ordering customer, details of beneficiary and details of payment. (2) Check any correction which is made, the customer's signature is required next to such correction in the application. (3) Verify the customer's signature that must be absolutely according to the given conditions of account number with bank of debit account. (4) Reject the incomplete application to the customer for reappraisal.
Attachment	Customer

Table D.15. Process Specification of Process 2.2.

Items	Descriptions
Process Name	Check Customer Documents
Data In	Documents for Remittance
Data Out	(1) Rejected Documents (2) Documents for Remittance
Process	(1) Examine the documents carefully especially the details of beneficiary, the amount and currency. (2) Check the documents to compare with the application in accordance with the purpose. (3) Notify the ordering customer immediate if there is any discrepancy between the application and the documents. (4) Reject any inaccurate documents for reappraisal.
Attachment	Customer

Table D.16. Process Specification of Process 2.3.

Items	Descriptions
Process Name	Accept All Documents
Data In	(1) Documents for Remittance (2) Application Form
Data Out	(1) Foreign Exchange Rate Confirmation Form (2) Application Form (3) Documents for Remittance
Process	(1) Approve of the correct documents and the complete application respectively. (2) Accept all correct documents and the complete application for the exchange rate confirmation process. (3) Construct the document number by first specifying branch code, secondly the last two figures of current Christian Era number, thirdly "DC" which is abbreviation for document and the last one is the ordinal number within the five figures. (4) Send the foreign exchange rate confirmation set to the next process. (5) Acknowledge the reject confirmation transaction.
Attachment	-

Table D.17. Process Specification of Process 3.0.

Items	Descriptions
Process Name	Inform Foreign Exchange Trading Dept.
Data In	Foreign Exchange Rate Confirmation Form
Data Out	(1) Rejected Confirmation Form (2) Foreign Exchange Rate Confirmation Form
Process	(1) Inform the Foreign Exchange Trading Department that amount and currency will be sold on outward money transfer by calling to Foreign Exchange Trading Department. (2) Be confirmed of the exact exchange rate by the Foreign Exchange Trading Department by calling a result of fluctuation of foreign currency. (3) Send the foreign exchange confirmation set to the Foreign Exchange Trading Department. (4) Reject the inaccurate confirmation set.
Attachment	-

Table D.18. Process Specification of Process 3.1.

Items	Descriptions
Process Name	Receive Confirmation Form
Data In	Foreign Exchange Rate Confirmation Form
Data Out	Foreign Exchange Rate Confirmation Form
Process	(1) Receive the complete foreign exchange rate confirmation form. (2) Acknowledge the daily fluctuation of foreign exchange confirmation.
Attachment	-

Table D.19. Process Specification of Process 3.2.

Items	Descriptions
Process Name	Check Details
Data In	Foreign Exchange Rate Confirmation Form
Data Out	(1) Rejected Confirmation Form (2) Foreign Exchange Rate Confirmation Form
Process	(1) Check the details of foreign exchange confirmation set correctly as to customer rate selling, quoting date. (2) Sign the authorized signature at the foreign exchange rate confirmation for the next calculate process.
Attachment	Foreign Exchange Trading Room

Table D.20. Process Specification of Process 4.0.

Items	Descriptions
Process Name	Calculate Remittance Payment
Data In	(1) Application Form (2) Documents for Remittance
Data Out	All Documents
Process	(1) Calculate foreign currency payment by converting into Baht currency payment. (2) Convert into Baht currency payment by the foreign currency amount multiplied by exact exchange rate of the same currency equal to Baht currency payment. (3) Calculate the total Baht amount payment of outward foreign remittance by the conversion Baht amount according to previous process plus the Baht commission amount and the Baht cable charge amount equal to the total Baht amount payment.
Attachment	-

Table D.21. Process Specification of Process 4.1.

Items	Descriptions
Process Name	Check Transferred Currency
Data In	(1) Application Form (2) Documents for Remittance
Data Out	Transferred Currency
Process	Ensure that the transferred foreign currency is accurate before calculation.
Attachment	-

Table D.22. Process Specification of Process 4.2.

Items	Descriptions
Process Name	Check Daily Exchange Rate
Data In	Transferred Currency
Data Out	Transferred Currency + Daily Exchange Rate
Process	(1) Testify that the calculated foreign currency exchange rate is exactly according to the foreign exchange confirmation set as quoted by the foreign exchange trading department. (2) Ensure that the calculated foreign currency exchange rate is the same foreign currency of the transferred amount.
Attachment	-

Table D.23. Process Specification of Process 4.3.

Items	Descriptions
Process Name	Calculate Transferred Amount
Data In	Transferred Currency + Daily Exchange Rate
Data Out	Transferred Amount
Process	Multiplied the exact foreign currency exchange rate by the same foreign currency of the transferred amount equal to local currency payable in Baht.
Attachment	-

Table D.24. Process Specification of Process 4.4.

Items	Descriptions
Process Name	Calculate Transaction Charge
Data In	Transferred Amount
Data Out	Transferred Amount + Transaction Charge
Process	Take the result of currency conversion plus the transaction charge amount determined to local currency.
Attachment	-

Table D.25. Process Specification of Process 4.5.

Items	Descriptions
Process Name	Calculate Commission Charge
Data In	Transferred Amount + Transaction Charge
Data Out	Transferred Amount + Transaction Charge + Commission Charge
Process	Take the summation of previous process plus the commission charge.
Attachment	-

Table D.26. Process Specification of Process 4.6.

Items	Descriptions
Process Name	Calculate Total Payment
Data In	Transferred Amount + Transaction Charge + Commission Charge
Data Out	All Documents
Process	(1) Result the total Baht payment for the outward foreign remittance. (2) Inform the customer of the net grand total payment. (3) Receive cash, cheque payment or debit account as requested by the ordering customer.
Attachment	-

Table D.27. Process Specification of Process 5.0.

Items	Descriptions
Process Name	Check Customer I.D.
Data In	(1) All Documents (2) Old Customer Information
Data Out	(1) Old Customer Information (2) New Customers
Process	(1) Search the customer identification in order to acknowledge having been outward money transferred. (2) Accept the customer identification which shows that has been recorded unless the customer identification is not found. (3) Confirm the old customer identification which is found as for outward money transferred and storing in customer files database.
Attachment	D1 Customer Files

Table D.28. Process Specification of Process 5.1.

Items	Descriptions
Process Name	Receive Documents
Data In	All Documents
Data Out	All Documents
Process	(1) Receive all documents to enquire the customer identification. (2) Enquire the customer identification existent customer record. (3) Ensure that the transaction is the first or the new customer before passing to the next process.
Attachment	-

Table D.29. Process Specification of Process 5.2.

Items	Descriptions
Process Name	Find the Customer I.D.
Data In	(1) All Documents (2) Old Customer Information
Data Out	(1) Old Customer Information (2) Old Customer I.D.
Process	(1) Select the menu for searching the customer identification. (2) Input the customer name correctly in order to find out the customer Identification from database. (3) Appear the customer identification which has been recorded in accordance with the given customer name at the first transaction. (4) Disappear the customer identification in case of inaccurate customer name or never has been recorded.
Attachment	D1 Customer Files

Table D.30. Process Specification of Process 5.3.

Items	Descriptions
Process Name	Confirm Customer I.D.
Data In	Old Customer I.D.
Data Out	New Customers
Process	(1) Verify the customer identification against duplicate information. (2) Insist that the customer identification determines the customer name be accurate.
Attachment	-

Table D.31. Process Specification of Process 6.0.

Items	Descriptions
Process Name	Create Customer I.D.
Data In	(1) New Customers (2) Old Customer I.D.
Data Out	Customer I.D. & All Documents
Process	(1) Accept all documents which belong to the new customer to construct the customer identification. (2) Arrange the ordinal number of the customer identification. (3) Specify the last two figures of the current Christian Era number. (4) Determine the customer identification as specific code of customer type and group type. (5) Arrange the ordinal number, the number of current Christian Era and the specific codes respectively.
Attachment	D1 Customer Files

Table D.32. Process Specification of Process 6.1.

Items	Descriptions
Process Name	Run New Customer I.D.
Data In	(1) New Customers (2) Old Customer I.D.
Data Out	Customer I.D.
Process	(1) Run the ordinal number exclusively of the new customer. (2) Specify number figures of the ordinal number within four figures.
Attachment	D1 Customer Files

Table D.33. Process Specification of Process 6.2.

Items	Descriptions
Process Name	Create New Customer I.D.
Data In	Customer I.D.
Data Out	Customer I.D. & All Documents
Process	<ol style="list-style-type: none"> (1) Specify firstly the ordinal number which has been arranged. (2) Specify secondly the last two figures of the current Christian Era number. (3) Specify thirdly the code of customer type as the customer type list such as 01 means government, 08 means business, 09 means Thai individual and 11 means Foreign individual. (4) Specify fourthly the code of group type as the group type list such as 01 means Agriculture, 03 means Industrial, 09 means service, 10 means Personnel. (5) Complete the new customer identification successively as the above processes, example a Thai individual customer is the fifth transaction, so the customer identification should be 0005010910.
Attachment	-

Table D.34. Process Specification of Process 7.0.

Items	Descriptions
Process Name	Register S.W.I.F.T Reference No.
Data In	<ol style="list-style-type: none"> (1) Customer I.D. & All Documents (2) Old S.W.I.F.T Reference No.
Data Out	All Documents
Process	<ol style="list-style-type: none"> (1) Accept all documents to register the reference number of S.W.I.F.T. (2) Mention the S.W.I.F.T number that always accompanies the reference number of S.W.I.F.T in register process. (3) Specify the reimbursing bank name that is credited Nostro account by ordering bank. (4) Specify the customer name, amount and currency in register process.
Attachment	D2 S.W.I.F.T Files

Table D.35. Process Specification of Process 7.1.

Items	Descriptions
Process Name	Run S.W.I.F.T Reference No.
Data In	(1) Customer I.D. & All Documents (2) Old S.W.I.F.T Reference No.
Data Out	S.W.I.F.T Reference No.
Process	(1) Run the ordinal number to attach the partial reference number of S.W.I.F.T. (2) Specify the ordinal number for S.W.I.F.T. reference number construction within five figures.
Attachment	D2 S.W.I.F.T Files

Table D.36. Process Specification of Process 7.2.

Items	Descriptions
Process Name	Create New S.W.I.F.T Reference No.
Data In	S.W.I.F.T Reference No.
Data Out	All Documents
Process	(1) Specify first branch code that is only four figures. (2) Specify secondly the last two digits of the current Christian Era number. (3) Specify thirdly "OR" which is the abbreviation for Outward Remittance. (4) Attach the ordinal number to the partial S.W.I.F.T. reference number. (5) Complete the S.W.I.F.T reference number such as the first S.W.I.F.T transaction at branch code's 0130 is 013001OR00001
Attachment	-

Table D.37. Process Specification of Process 8.0.

Items	Descriptions
Process Name	Create S.W.I.F.T Set
Data In	(1) All Documents (2) Old Beneficiary Information (3) Confirm S.W.I.F.T
Data Out	(1) Application Form, Copied S.W.I.F.T, Customer Documents (2) Copied S.W.I.F.T (3) New Beneficiary Information (4) Daily Transactions (5) Completed S.W.I.F.T (6) Daily Transaction Slips (7) Receipt Slips (8) Daily Transaction Slips
Process	(1) Accept all documents to input the given information into the S.W.I.F.T menu unless the old customer transaction. (2) Find the existing customer information from database by identification customer input. (3) Input the changed information into the exclusive fields such as amount and currency fields. (4) Input the Bank of Thailand data into the complementary fields. (5) Generate the complete S.W.I.F.T set. (6) Generate the financial receipt set. (7) Generate the Bank of Thailand report. (8) Receive the S.W.I.F.T. acknowledgement 2 from the S.W.I.F.T. section.
Attachment	(1) D1 Customer Files (2) D2 S.W.I.F.T Files (3) D3 Beneficiary Files (4) S.W.I.F.T Section (5) Liquidity Management Unit (6) Customer (7) Account Department

Table D.38. Process Specification of Process 8.1.

Items	Descriptions
Process Name	Create Financial Slips
Data In	(1) All Documents (2) Old Beneficiary Information
Data Out	Debit & Credit Voucher Slips
Process	(1) Input debit Baht account code. (2) Input credit Nostro or Vostro account code. (3) Input the reimbursing bank code. (4) Input the customer account in case of having debit agreement. (5) Generate the receipt slip. (6) Generate the debit Baht account slip. (7) Generate the credit foreign account slip.
Attachment	D3 Beneficiary Files

Table D.39. Process Specification of Process 8.2.

Items *	Descriptions *
Process Name	Create Contra Slips
Data In	Debit & Credit Voucher Slips
Data Out	Contra Slips
Process	(1) Input debit Baht account code. (2) Input credit Nostro or Vostro account code. (3) Input the reimbursing bank code. (4) Input the customer account in case of having debit agreement. (5) Generate the office copy slip. (6) Generate the contra Baht account slip. (7) Generate the contra foreign account slip.
Attachment	-

Table D.40. Process Specification of Process 8.3.

Items	Descriptions
Process Name	Allocate Copied S.W.I.F.T
Data In	(1) Contra Slips (2) Confirmed S.W.I.F.T
Data Out	(1) New Beneficiary Information (2) Receipt Slips (3) Daily Transaction Slips (4) Daily Transaction Slips (5) Daily Transaction (6) Completed S.W.I.F.T (7) Copied S.W.I.F.T (8) Application Form, Copied S.W.I.F.T, Customer Documents
Process	(1) Examine the S.W.I.F.T. message correctly. (2) Examine the financial slips correctly. (3) Examine the contra slips correctly. (4) Distribute the financial and contra slips to accounting process. (5) Store the original application and documents for verification.
Attachment	(1) D1 Customer Files (2) D2 S.W.I.F.T Files (3) D3 Beneficiary Files (4) Customer (5) Liquidity Management Unit (6) Account Department (7) S.W.I.F.T Section

Table D.41. Process Specification of Process 8.3.1.

Items	Descriptions
Process Name	Check S.W.I.F.T Detail
Data In	Contra Slips
Data Out	Corrected S.W.I.F.T
Process	(1) Check that the credit Nostro and Vostro account code is in accordance with the reimbursing bank code. (2) Check the result of contra slips calculation correctly. (3) Check the messages output of S.W.I.F.T set correctly and completely.
Attachment	-

Table D.42. Process Specification of Process 8.3.2.

Items	Descriptions
Process Name	Match Transaction Slips
Data In	(1) Corrected S.W.I.F.T (2) Confirmed S.W.I.F.T
Data Out	(1) Daily Transaction Slips (2) Completed S.W.I.F.T (3) Match Slips
Process	(1) Match the financial slip with the S.W.I.F.T receipt. (2) Match the Baht account slips between the financial slip and the contra slip. (3) Match the foreign account slips between the financial slip No.2 and the contra slip. (4) Match the original S.W.I.F.T with the S.W.I.F.T acknowledgement.
Attachment	(1) S.W.I.F.T Section (2) Account Department

Table D.43. Process Specification of Process 8.3.3.

Items	Descriptions
Process Name	Group Nostro/Vostro Bank Account
Data In	Matched Slips
Data Out	(1) Daily Transaction Slips (2) Grouped Slips
Process	(1) Accept all of the S.W.I.F.T. Nostro and Vostro account slip. (2) Group the S.W.I.F.T Nostro account slips according to their reimbursing bank code and currency. (3) Group the S.W.I.F.T Vostro account slips according to their reimbursing bank code and currency.
Attachment	Liquidity Management Unit

Table D.44. Process Specification of Process 8.3.4.

Items	Descriptions
Process Name	Release Slips
Data In	Grouped Slips
Data Out	(1) Application Form, Copied S.W.I.F.T, Customer Documents (2) Copied S.W.I.F.T (3) New Beneficiary Information (4) Receipt Slips (5) Daily Transactions
Process	(1) Send both the original S.W.I.F.T. and the acknowledged S.W.I.F.T. to the S.W.I.F.T. section. (2) Send both the S.W.I.F.T. receipt and the financial receipt to the customer. (3) Send the summary credit Nostro and Vostro account of each reimbursing bank to the Liquidity Management Unit. (4) Send the summary control sheet both the foreign currency and Baht currency to the Account Department. (5) Send the daily transaction slips to generate the reports.
Attachment	(1) D1 Customer Files (2) D2 S.W.I.F.T Files (3) D3 Beneficiary Files (4) Customer

Table D.45. Process Specification of Process 9.0.

Items	Descriptions
Process Name	Generate Reports
Data In	Daily Transactions
Data Out	(1) Copied Report (2) Daily B.O.T Report
Process	(1) Group all financial slips according to their foreign trading code and currency for examination the discrepancy between the sum of slips and the daily reports. (2) Generate daily transaction reports. (3) Generate daily Bank of Thailand reports. (4) Generate monthly transaction reports.
Attachment	(1) D4 B.O.T Report Files (2) Bank Of Thailand

Table D.46. Process Specification of Process 9.1.

Items	Descriptions
Process Name	Group Foreign Trading Code & Currency
Data In	Daily Transactions
Data Out	(1) Grouped Slips
Process	(1) Accept all the foreign financial transaction copy slips. (2) Group the foreign copy slips according to their foreign trading code for four groups. (3) Allocate each group as the previous process according to its currency.
Attachment	-

Table D.47. Process Specification of Process 9.2.

Items	Descriptions
Process Name	Sum Currency Amount
Data In	Grouped Slips
Data Out	Total Currency Amount Slips
Process	(1) Sum each foreign currency of each foreign trading code. (2) Sum the Baht currency slips. (3) Sum the Nostro/Vostro account slip of each reimbursing bank.
Attachment	-

Table D.48. Process Specification of Process 9.3.

Items	Descriptions
Process Name	Create Transaction Slips Report.
Data In	Total Currency Amount Slips
Data Out	Reports
Process	(1) Create the daily credit Nostro/Vostro account report. (2) Create the daily so foreign currency in summary foreign trading report. (3) Create the daily separate foreign trading code 21. (4) Create the daily separate foreign trading code 04. (5) Create the daily product type report. (6) Create the monthly goods import
Attachment	-

Table D.49. Process Specification of Process 9.4.

Items	Descriptions
Process Name	Check Reports
Data In	Reports
Data Out	(1) Copied Reports (2) Daily B.O.T Report
Process	(1) Check discrepancy between the daily S.W.I.F.T. transaction list report and the total of S.W.I.F.T. copied slips. (2) Check discrepancy between the daily Nostro/Vostro account report and the summary credit Nostro/Vostro account of each the reimbursing bank for the liquidity management unit report. (3) Check discrepancy between the daily sold currency & amount report and the total of each currency amount slips. (4) Check discrepancy between the daily separate foreign trading code reports and the total of each currency amount slips in each foreign trading code for the Bank of Thailand report. (5) Check discrepancy between the daily product type report and the product type list for the Bank of Thailand reports.
Attachment	(1) D4 B.O.T Report Files (2) Bank Of Thailand



APPENDIX E
DATA DICTIONARY

DATA DICTIONARY

Table E.1. Data Dictionary of Outward Foreign Remittance Database.

Field Name	Meaning
Customer ID	The identification number of the customer.
Customer Tax ID	The tax identification number of the customer.
Customer Account	The customer's account number.
Customer Name	Name of the customer.
Customer Type	The numbers which represent type of customer such as 01 means government, 08 means business and 09 means individual.
Business Type	Type of customer's business.
Group Type	The numbers, which represent type of group of customer type such as 01 means agricultural, 03 means industrial and 09 means service.
Address	The location of the customer's house and the name of the street and town where the customer lives or work.
Telephone Number	The customer's telephone number for connection.
Fax Number	The fax number of the customer.
E-mail Address	The electronic mail address of customer.
S.W.I.F.T. Reference Number	The identification number used to refer to each S.W.I.F.T. set.
S.W.I.F.T. Number	The number on each S.W.I.F.T. slip.
Branch Code	The branch number that the customer contacts with.
Cr. Nostro/Vostro	The foreign account, which B Bank has opened to foreign currency.
Send Date	Date of transfer the money.
Reimbursing Bank	Correspondent Bank's account number will be credited by ordering bank.
Value Date	Date of effective payment.
Currency	Type of money that particular country uses.
Commission	Money that the ordering bank gets for outward remittance services
Transaction Charge	The expenses of outward money transferred by cable S.W.I.F.T.
Local Amount	Amount that the customer orders to transfer.
Remittance Amount	Local Amount that has been converted to foreign currency.

Table E.1. Data Dictionary of Outward Foreign Remittance Database (Continued).

Field Name	Meaning
Total Amount	The net amount that the customer has to pay in local currency for outward remittance.
Ordering Bank	The originator bank that the customer contacts with.
Sender's Correspondent	The representative bank of originator bank if indirect Nostro or Vostro account with.
Receiver's Correspondent	The representative bank of originator bank as receiver if indirect Nostro or Vostro account with.
Details of Charge	Our charges that the ordering customer agrees to pay any expenses concern local bank abroad charges and another is beneficiary charge that the ordering customer disagrees above condition.
Details of Payment	The purpose of customer for outward remittance.
Exchange Rate	The Rate of exchange for the different currency compares Baht currency.
Beneficiary Name	Name of beneficiary in S.W.I.F.T.
Beneficiary Address	The location of the beneficiary's house and the name of the street and town where the beneficiary lives or works.
Beneficiary Account Number	The account number of beneficiary.
Beneficiary Bank	The bank which the beneficiary has or opens the account.
Foreign Trading Code	Type of foreign trading determined by B.O.T.
Country Code	The identification number of each country.
Document Type	The identification number of the document which is attached to the application.
Document Number	The number of document for inspection.
Details of Document	Specification of documents.
Document Date	The date as at documents.
Product Type	Type of customer product.
User ID	The identification number of terminal user card.
Report Name	Name of each report.
Foreign Trading Reference Number	The identification number used to refer to each Foreign Trading set.
Summary Foreign Trading Amount	Summary of Amount and Currency.

Table E.2. Data Dictionary of Code of Currency.

Currency Code	Meaning
AUD	AUSTRALIAN DOLLAR
THB	BAHT
BEF	BELGIAN FRANC
BND	BRUNEI DOLLAR
CAD	CANADIAN DOLLAR
DKK	DANISH KRONE
DEM	DEUTSCHE MARK
VND	DONG
EUR	EURO
FRF	FRENCH FRANC
HKD	HONG KONG DOLLAR
INR	INDIAN RUPEE
IEP	IRISH POUND
ITL	ITALIAN LIRA
JOD	JORDANIAN DINAR
LAK	KIP
KWD	KUWAITI DINAR
MMK	KYAT
MYR	MALAYSIAN RINGGIT
MTL	MALTESE LIRA
FIM	MARKKA
MXN	MAXICAN PESO
NLG	NETHERLANDS GUILDER
TWD	NEW TAIWAN DOLLAR
NZD	NEW ZEALAND DOLLAR
NOK	NORWEGIAN KRONE
PKR	PAKISTAN RUPEE
PHP	PHILIPPINE PESO
PTE	PORTUGUESE ESCUDO
GBP	POUND STERLING
ZAR	RAND
KHR	RIEL
IDR	RUPIAH
SAR	SAUDI RIYAL
ATS	SCHILLING
SGD	SINGAPORE DOLLAR
ESP	SPANISH PESETA
SEK	SWEDISH KRONOR
CHF	SWISS FRANC
BDT	TAKA
AED	UAE DIRHAM
USD	US DOLLAR
KRW	WON
JPY	YEN
CNY	YUAN RENMINBI

Table E.3. Data Dictionary of Type of Customer.

Customer Type	Meaning
01	Government
02	Government Enterprises
03	Municipalities
04	Commercial Bank
05	Other Bank
06	Life Insurance Company
07	Other Finance Institution
08	Business Company
09	Individual
10	Non-profit Institution
11	Other Nonresident
12	Other Bank Abroad
13	Government Saving Bank
14	Bank of Agriculture
15	Government Housing Bank
16	Finance & Security Company
17	Thai Industrial Finance Corporation
18	Credit Foncier Company
19	Other Institution
20	Non-profit Government
21	Registered Company
27	Security
28	Government Enterprises Company
29	Saving Cooperative
30	Non-Resident
37	Domestic Mutual Funds
38	Foreign Mutual Funds
40	Employee
41	Embassies
42	Exim Bank
43	Financial Company

Table E.4. Data Dictionary of Type of Group.

Group Type	Meaning
01	Agricultural
02	Mining And Stones Grinding
03	Industrial Work
04	Handicraft
05	Commercial
06	Banking, Financial
07	Construction
08	Infrastructure
09	Service
10	Personnel Consumption

Table E.5. Data Dictionary of Code of Foreign Trading.

Foreign Trading Code	Meaning
01	Goods Payment; value not exceeding USD 20,000.00 or equivalent
21	Goods Payment; value exceeding USD 20,000.00 or equivalent
02	For all purposes except goods payment; value not exceeding USD 5,000.00 or equivalent
04	For all purposes except goods payment; value exceeding USD 5,000.00 or equivalent

Table E.6. Data Dictionary of Type of Business.

Business Type	Meaning
01	Loan Returned
02	Interest Payment
03	Foreign Capital Returned
04	Business Closed
05	Investment in foreign country
06	Loan for group company in foreign country
07	Traveling Expense
08	Shipment
09	Insurance Premium
10	Insurance Compensation
11	Other service
12	Transportation fee
13	International carrier Gasoline
14	Service fee
15	Other Transportation
16	Expense of government officer and representative office in foreign country
17	Foreign currency exchange of foreigner for remained expense
18	Other service fee private for expert or director
19	Other service fee private royalty
20	Other service fee private film rental (movie)
21	Other service fee private insurance not for goods
22	Other service fee private export compensation
23	Other service fee film rental (T.V.)
24	Other service fee private insurance compensation not for goods
25	Other service fee private telecommunication
26	Other service fee private representative expense
27	Other service fee private trade mark and license
28	Other service fee private advertisement
29	Other service fee private asset rental
30	Other service fee private technique know how
31	Other service fee private knowledge

Table E.6. Data Dictionary of Type of Business (Continued).

Business Type	Meaning
32	Other service fee private management & process service
33	Other service fee private engineering service
34	Other service fee private construction
35	Other service fee private consultant
36	Other service fee private credit card
37	Other service fee private commission
38	Private investment beneficiary profit
39	Private investment beneficiary dividend
40	Invested by government, beneficiary profit
41	Invested by government, beneficiary dividend
42	Donation private, outward transfer
43	Donation private, family cost of living
44	Donation private, money saving
45	Donation private, donate to foreign government
46	Donation private, donate to foreigner
47	Donation private, donate to foreign institution
48	Donation private, donate to foreign private section
49	Donation private, donate to foreign government
50*	FCD/Baht A/C withdrawal for selling
5	FCD/Baht A/C withdrawal for buying
52	Education Expense
53	Others
54	Goods Payment

Table E.7. Data Dictionary of Country Code.

Country Code	Country
AF	Afghanistan
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia and Herzegovina
BW	Botswana
BV	Bouvet Islands
BR	Brazil
IO	British Indian Ocean Territory
BN	Brunei Darussalam
BG	Bulgaria
BF	Burkina Faso
BI	Burundi
KH	Cambodia
CM	Cameroon
CA	Canada
-	Canary Islands
CV	Cape Verde
KY	Cayman Islands
CF	Central African Republic
TD	Chad

Table E.7. Data Dictionary of Country Code (Continued).

Country Code	Country
CL	Chile
CN	China
CX	Christmas Island
CC	Cocoas Islands
CO	Colombia
KM	Comoros
CG	Congo
CD	Congo, The Democratic Public
CK	Cook Islands
CR	Costa Rica
CI	Cote D'Ivoire
HR	Croatia
CU	Cuba
CY	Cyprus
CZ	Czech Republic
DK	Denmark
DJ	Djibouti
DM	Dominica
DO	Dominican Republic
TP	East Timor
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
ET	Ethiopia
FO	Faeroe Islands
FK	Falkland Islands
FJ	Fiji
FI	Finland
FR	France
GF	French Guiana
PF	French Polynesia
TF	French Southern Territories
GA	Gabon
GM	Gambia
GE	Georgia
DE	Germany
GH	Ghana
GI	Gibraltar
GR	Greece
GL	Greenland
GD	Grenada

Table E.7. Data Dictionary of Country Code (Continued).

Country Code	Country
GP	Guadeloupe
GU	Guam
GT	Guatemala
GG	Guernsey, C.I.
GN	Guinea
GW	Guinea-Bissau
GY	Guyana
HT	Haiti
HM	Heard and Mcdonald Islands
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IN	India
ID	Indonesia
IR	Iran
IQ	Iraq
IE	Ireland
IM	Isle of Man
IL	Israel
IT	Italy
JM	Jamaica
JP	Japan
JE	Jersey, C.I.
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KP	Korea
KW	Kuwait
KG	Kyrgyzstan
LA	Laos
LV	Latvia
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libyan Arab Jamahiriya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macaw
MK	Macedonia
MG	Madagascar
MW	Malawi

Table E.7. Data Dictionary of Country Code (Continued).

Country Code	Country
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	Mayetta
MX	Mexico
FM	Micronesia
MD	Moldova
MC	Monaco
MN	Mongolia
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn
PL	Poland
PT	Portugal
PR	Puerto Rico Qatar

Table E.7. Data Dictionary of Country Code (Continued).

Country Code	Country
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SH	Saint Helena
KN	Saint Kitts And Nevis
LC	Saint Lucia
PM	Saint Pierre And Miquelon
VC	Saint Vincent And the Grenadines
WS	Samoa
SM	San Marino
ST	Sao Tome And Principe
SA	Saudi Arabia
SN	Senegal
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SK	Slovakia
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
GS	South Georgia and South Sandwich Islands
ES	Spain
LK	Sri Lanka
SD	Sudan
SR	Suriname
SJ	Svalbard and Jan Mayen Islands
SZ	Swaziland
SE	Sweden
CH	Switzerland
SY	Syrian Arab Public
-	Tahiti
TW	Taiwan
TJ	Tajikistan
TZ	Tanzania
TH	Thailand
TG	Togo
TK	Tokelau
TO	Tonga
TT	Trinidad and Tobago
TN	Tunisia
TR	Turkey

Table E.7. Data Dictionary of Country Code (Continued).

Country Code	Country
TM	Turkmenistan
TC	Turks and Caicos Islands
-	Turunghudi
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates
GB	United Kingdom
US	United States
UM	United States Minor Outlying Islands
-	United States Oceania
UY	Uruguay
UZ	Uzbekistan
VU	Vanuatu
VA	Vatican City State
VE	Venezuela
VN	Vietnam
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
WF	Wallis And Futuna Islands
EH	Western Sahara
YE	Yemen
YU	Yugoslavia
ZM	Zambia
ZW	Zimbabwe



APPENDIX F
OUTPUT FORMS

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code _____ Date _____
Customer ID _____
Tax No. _____
S.W.I.F.T. No. _____
S.W.I.F.T. Ref No. _____
Country Code _____
F.T. Code _____

To _____ **We have issued** _____

in favour of _____

Details of Payment

เงินตราต่างประเทศ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
-We have received your cash or cheque payment for the net amount. -We have debited your designated account for the net amount. -This receipt shall be valid only after good funds are collected from your cheque-issuing bank. -This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.		Value Date		Commission		THB	
				Transaction		THB	
				จำนวนเงินสุทธิ		THB	
				Net Amount		THB	

User ID _____

Collector _____

Authorized Signature _____

Customer Receipt

Figure F.1. Customer Receipt Form.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code

Date

Customer ID.

Tax No.

SWIFT Ref. No.

SWIFT No.

A/C No.

F.T. Code

We have issued

Country Code

To

in favour of

Details of Payment

เงินตราต่างประเทศ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
		Value Date		Commission	THB	THB	
				Transaction	THB	THB	
				จำนวนเงินสุทธิ		THB	
				Net Amount		THB	

-We have received your cash or cheque payment for the net amount.
 -We have debited your designated account for the net amount.
 -This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
 -This receipt shall only be valid after the collector and an authorized signatory of
 B Bank Public Company Limited jointly sign at the bottom.

User ID

Collector

Authorized Signature

Foreign Account Slip 2

Figure F.2. Foreign Account Form.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

To We have issued

in favour of

Details of Payment

Branch Code

A/C No.

SWIFT Ref. No.

Country Code

Date

Customer ID.

Tax No.

SWIFT No.

F.T. Code

THB

THB

THB

THB

เงินครุฑประเภท	Foreign Currency	อัตรา	Rate	ค่าใช้สอย	Charges	จำนวนเงิน	Amount
-We have received your cash or cheque payment for the net amount. -We have debited your designated account for the net amount. -This receipt shall be valid only after good funds are collected from your cheque-issuing bank. -This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.	Value Date			Commission			
				Transaction			
				จำนวนเงินสุทธิ			
				Net Amount			

User ID

Collector

Authorized Signature

Foreign Trading Slip 3

Figure F.3. Foreign Trading Form.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakharong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

To Debit Baht Account

We have issued

in favour of

Details of Payment

Branch Code

Date

Customer ID

Tax No.

S.W.I.F.T. No.

F.T. Code

S.W.I.F.T. Ref. No.

Country Code

เงินตราต่างประเทศ	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
-We have received your cash or cheque payment for the net amount. -We have debited your designated account for the net amount. -This receipt shall be valid only after good funds are collected from your cheque-issuing bank. -This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.	Value Date		Commission	THB		
			Transaction	THB		
			จำนวนเงินสุทธิ Net Amount	THB		

User ID

Collector

Authorized Signature

Financial Baht Account Slip 4

Figure F.4. Financial Baht Account Form.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code
Date

Customer ID.

Credit Baht Account

To

We have issued

in favour of

Details of Payment

เงินตราต่างประเทศ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
		Value Date		Commission Transaction		THB	
						THB	
						THB	
				จำนวนเงินสุทธิ		THB	
				Net Amount			

We have received your cash or cheque payment for the net amount.
We have debited your designated account for the net amount.
This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
This receipt shall only be valid after the collector and an authorized signatory of
B Bank Public Company Limited jointly sign at the bottom.

User ID
Collector

Authorized Signature

Contra Baht Account Slip 5

Figure F.5. Contra Baht Account Form.

Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code

Customer ID.

Tax. No.

A/C No.

S.W.I.F.T. No.

S.W.I.F.T. Ref. No.

F.T. Code

Country Code

 x_0

We have issued

in favour of

Details of Payment

เงินตราต่างประเทศ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
		Value Date		Commission Transaction		THB THB THB	
				จำนวนเงินสุทธิ Net Amount		THB	

-We have received your cash or cheque payment for the net amount.
 -We have debited your designated account for the net amount.
 -This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
 -This receipt shall only be valid after the collector and an authorized signatory of
 B Bank Public Company Limited jointly sign at the bottom.

User ID	Collector	Authorized Signature
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Office Copy 6

Figure F.6. Office Copy Form.

Debit Note / Receipt Set
Outward Foreign Remittance

999 Sukhumvit Rd., Phra Khanong Bangkok 10110

Outward Foreign Remittance

Branch Code 0130

Date 4/23/2001

Customer ID. 0024010803

TO GOLD MINE GARMENT CO., LTD.

A/C No. 130-3-07109-4

Tax. No. 3320874590

We have issued

S.W.I.F.T. Ref. No. 013001OR000024

S.W.I.F.T. No. 0010011

in favour of ORIENTAL BUTTONS LIMITED

Country Code 109

F.T. Code 01

Details of Payment	GOODS
1. Cash	
2. Accounts receivable	
3. Inventory	
4. Prepaid expenses	
5. Other assets	
6. Liabilities	
7. Equity	
8. Total	

Proforma Invoice
NO.P-0385/01

เงินคงค้างประเภท	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
USD	6,748.00	45.00		BEN		THB	303,660.00
		Value Date	4/23/2001	Commission		THB	100.00
				Transaction		THB	300.00
BKKBHKHH							
- We have received your cash or cheque payment for the net amount.							
We have debited your designated account for the net amount.							
				จำนวนเงินสุทธิ		THB	304,060.00
				Net Amount			

We have received your cash or cheque payment for the net amount.

We have debited your designated account for the net amount.

This receipt shall be valid only after good funds are collected from your cheque-issuing bank.

This receipt shall only be valid after the collector and an authorized signatory of

B Bank Public Company Limited jointly sign at the bottom.

User ID 013019

Collector

Authorized Signature

Customer Receipt

Figure F.7. Customer Receipt.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code 0130 Date 4/23/2001

To GOLD MINE GARMENT CO.,LTD.

A/C No. 130-3-07109-4 Customer ID. 0024010803

S.W.I.F.T. Ref. No. 013001OR00024 Tax No. 3320874590

We have issued S.W.I.F.T. No. 0010011

in favour of ORIENTAL BUTTONS LIMITED F.T. Code 01

Country Code 109 Proforma Invoice NO.P-0385/01

Details of Payment GOODS

เงินตราต่างประเทศ	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
USD	6,748.00	45.00		BEN	THB	303,660.00
		Value Date 4/23/2001	Commission		THB	100.00
			Transaction		THB	300.00
				จำนวนเงินสุทธิ	THB	304,060.00

BKKBHKHH
 -We have received your cash or cheque payment for the net amount.
 -We have debited your designated account for the net amount.
 -This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
 -This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.

User ID 013019 Collector

Authorized Signature

Foreign Account Slip 2

Figure F.8. Foreign Account Slip.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code 0130 Date 4/23/2001
Customer ID. 0024010803
A/C No. 130-3-07109-4 Tax No. 3320874590
S.W.I.F.T. Ref. No. 013001OR00024 S.W.I.F.T. No. 0010011
Country Code 109 F.T. Code 01
Proforma Invoice NO.P-0385/01

To GOLD MINE GARMENT CO.,LTD.
We have issued
in favour of ORIENTAL BUTTONS LIMITED
Details of Payment GOODS

เงินต้น/เงินชำระ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่ย	Charges	จำนวนเงิน	Amount
USD	6,748.00	45.00		BEN	THB	303,660.00	
		Value Date 4/23/2001		Commission	THB	100.00	
				Transaction	THB	300.00	
จำนวนเงินสุทธิ						THB	304,060.00
Net Amount							

-We have received your cash or cheque payment for the net amount.
-We have debited your designated account for the net amount.
-This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
-This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.

User ID 013019 Collector

Authorized Signature

Foreign Trading Slip 3

Figure F.9. Foreign Trading Slip.

B Bank Public Company Limited
999 Sukhumvit Rd., Phrakhanong Bangkok 10110
Outward Foreign Remittance

Debit Note / Receipt Set
Outward Foreign Remittance

Branch Code 0130
Date 4/23/2001

Customer ID 0024010803
Tax No. 3320874590

To GOLD MINE GARMENT CO.,LTD.
We have issued

A/C No. 130-3-07109-4
S.W.I.F.T. Ref. No. 013001OR00024
Country Code 109
F.T. Code 01

in favour of ORIENTAL BUTTONS LIMITED
Details of Payment GOODS

Proforma Invoice NO.P-0385/01

เงินตราต่างประเทศ	Foreign Currency	อัตรา	Rate	ค่าใช้จ่าย	Charges	จำนวนเงิน	Amount
USD	6,748.00	45.00	4/23/2001	BEN	THB	303,660.00	
				Commission	THB	100.00	
				Transaction	THB	300.00	
						จำนวนเงินสุทธิ Net Amount	304,060.00

BKKBHKHH
-We have received your cash or cheque payment for the net amount.
-We have debited your designated account for the net amount.
-This receipt shall be valid only after good funds are collected from your cheque-issuing bank.
-This receipt shall only be valid after the collector and an authorized signatory of
B Bank Public Company Limited jointly sign at the bottom.

User ID 013019
Collector

Authorized Signature

Financial Baht Account Slip 4

Figure F.10. Financial Baht Account Slip.

B Bank Public Company Limited 999 Sukhumvit Rd., Phrakhanong Bangkok 10110 Outward Foreign Remittance		Debit Note / Receipt Set Outward Foreign Remittance	
Branch Code 0130		Date 4/23/2001	
To GOLD MINE GARMENT CO.,LTD.		Customer ID. 0024010803	
A/C No. 130-3-07109-4		Tax. No. 3320874590	
We have issued		S.W.I.F.T. No. 0010011	
S.W.I.F.T. Ref. No. 013001OR00024		F.T. Code 01	
Country Code 109		Proforma Invoice NO P-0385/01	
Details of Payment GOODS		in favour of ORIENTAL BUTTONS LIMITED	
เงินตราต่างประเทศ		อัตรา	
USD		45.00	
Foreign Currency		Rate	
6,748.00		4/23/2001	
BKKBHHH		Commission	
-We have received your cash or cheque payment for the net amount.		Transaction	
-We have debited your designated account for the net amount.		จำนวนเงินสุทธิ	
-This receipt shall be valid only after good funds are collected from your cheque-issuing bank.		Net Amount	
-This receipt shall only be valid after the collector and an authorized signatory of B Bank Public Company Limited jointly sign at the bottom.		THB 303,660.00	
User ID 013019		THB 100.00	
Collector		THB 300.00	
Authorized Signature		THB 304,060.00	
Office Copy 6			

Figure F.12. Office Copy Slip.

B Bank Public Company Limited		S.W.I.F.T. Set		No. 99999999							
Branch Code		S.W.I.F.T. FM-100		Date							
Cr. <input type="radio"/> Nostro <input type="radio"/> Vostro		Reimbursing Bank									
Please despatch the following message :											
S.W.I.F.T. Ref. No.		Beneficiary Bank :									
Value Date	Currency/Amount										
@	Baht :										
Commission	Baht :	Beneficiary Account Number :									
Transaction Charge	Baht :										
Total Amount	Baht :	Beneficiary Name :									
Customer Name											
Address	Beneficiary Address :										
Telephone Number											
Ordering Bank	Details of Payment :										
Sender's Correspondent	Details of Charge : <input type="checkbox"/> Ours <input type="checkbox"/> Beneficiary										
Receiver's Correspondent	Country Code : Foreign Trading Code :										
Amount in words : <div style="border: 1px solid black; height: 20px; width: 100%;"></div>											
<table border="1" style="display: inline-table; margin: 0 10px;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> </table> <table border="1" style="display: inline-table; margin: 0 10px;"> <tr> <td>Test by</td> <td>TSN</td> <td>Release by</td> </tr> </table> <div style="display: inline-block; text-align: right;"> Authorized Signature User ID </div>						CT	GT	BT	Test by	TSN	Release by
CT	GT	BT									
Test by	TSN	Release by									
S.W.I.F.T Section 1											

Figure F.13. Original S.W.I.F.T of S.W.I.F.T Set.

B Bank Public Company Limited		S.W.I.F.T. FM-100	S.W.I.F.T. Set No. 99999999						
Branch Code		Date							
Cr.		Reimbursing Bank							
Please despatch the following message :									
S.W.I.F.T. Ref. No.	Beneficiary Bank :								
Value Date	Currency/Amount								
@	Baht :								
Commission	Baht :	Beneficiary Account Number :							
Transaction Charge	Baht :								
Total Amount	Baht :	Beneficiary Name :							
Customer Name :									
Address :	Beneficiary Address :								
Telephone Number :									
Ordering Bank :	Details of Payment :								
Sender 's Correspondent :	Details of Charge :								
Receiver 's Correspondent :	Country Code :	Foreign Trading Code :							
Amount in words : <div style="border: 1px solid black; height: 20px; width: 100%;"></div>									
<table border="1" style="margin: auto;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> </table>		CT	GT	BT	<table border="1" style="margin: auto;"> <tr> <td>Test by</td> <td>TSN</td> <td>Release by</td> </tr> </table>		Test by	TSN	Release by
CT	GT	BT							
Test by	TSN	Release by							
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>		<div style="border: 1px solid black; height: 40px; width: 100%;"></div>							
Acknowledgement 2		Authorized Signature User ID							

Figure F.14. Acknowledgement S.W.I.F.T. of S.W.I.F.T. Set.

Figure F.15. Customer Receipt S.W.I.F.T of S.W.I.F.T Set.

B Bank Public Company Limited		S.W.I.F.T. Set No. 9999999									
Branch Code	S.W.I.F.T. FM-100	Date									
Cr.		Reimbursing Bank									
Please despatch the following message :											
S.W.I.F.T. Ref No. Value Date @ Commission Transaction Charge Total Amount Customer Name : Address : Telephone Number : Ordering Bank : Sender 's Correspondent : Receiver 's Correspondent :	Beneficiary Bank : Currency/Amount Baht : Baht : Baht : Baht : Beneficiary Account Number : Beneficiary Name : Beneficiary Address :	Details of Payment : Details of Charge : Country Code : Foreign Trading Code :									
Amount in words : <div style="border: 1px solid black; width: 150px; height: 20px; display: inline-block;"></div>											
<table border="1" style="margin: auto;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> </table> <table border="1" style="margin: auto;"> <tr> <td>Test by</td> <td>TSN</td> <td>Release by</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>			CT	GT	BT	Test by	TSN	Release by			
CT	GT	BT									
Test by	TSN	Release by									
..... Authorized Signature User ID											
Liquidity Management Unit 4											

Figure F.16. Liquidity Management Unit S.W.I.F.T of S.W.I.F.T Set.

B Bank Public Company Limited		S.W.I.F.T. FM-100	S.W.I.F.T. Set No. 99999999						
Branch Code		Date							
Cr.		Reimbursing Bank							
Please despatch the following message :									
S.W.I.F.T. Ref. No.	Beneficiary Bank :								
Value Date	Currency/Amount								
@	Baht :								
Commission	Baht :								
Transaction Charge	Baht :								
Total Amount	Baht :								
Customer Name :	Beneficiary Name :								
Address :	Beneficiary Address :								
Telephone Number :	Details of Payment :								
Ordering Bank :	Details of Charge :								
Sender's Correspondent :	Country Code :								
Receiver's Correspondent :	Foreign Trading Code :								
Amount in words : <div style="border: 1px solid black; width: 150px; height: 20px; display: inline-block;"></div>									
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px;">CT</td> <td style="width: 20px;">GT</td> <td style="width: 20px;">BT</td> </tr> </table> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px;">Test by</td> <td style="width: 20px;">TSN</td> <td style="width: 20px;">Release by</td> </tr> </table> </div> <div> <p>Authorized Signature</p> <p>User ID</p> </div> </div>				CT	GT	BT	Test by	TSN	Release by
CT	GT	BT							
Test by	TSN	Release by							
Office Copy 5									

Figure F.17. Office Copy S.W.I.F.T of S.W.I.F.T Set.

B Bank Public Company Limited		S.W.I.F.T. Set		No. 0010011	
Branch Code 0130		S.W.I.F.T. FM-100		Date 4/23/2001	
Cr. Vostro		Reimbursing Bank		BKKBHKHH	
Please despatch the following message :					
S.W.I.F.T. Ref. No. 013001OR00024		Beneficiary Bank : HSBC BANK			
Value Date 4/23/2001		SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN			
Currency/Amount USD 6,748.00		HONG KONG			
@45.00		Baht : 303,660.00			
Commission		Baht : 100.00			
Transaction Charge		Baht : 300.00			
Total Amount		Baht : 304,060.00			
Customer Name : GOLD MINE GARMENT CO.,LTD.		Beneficiary Name : ORIENTAL BUTTONS LIMITED			
Address : 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		Beneficiary Address : 54746, TSIM SHA TSUI NATHAN RD., HONG KONG			
Telephone Number : (02) 361-1157		Details of Payment : GOODS			
Ordering Bank : BKKBTHBK		Details of Charge : BEN			
Sender's Correspondent :		Country Code : 109		Foreign Trading Code : 01	
Receiver's Correspondent :					
Amount in words :		SIX THOUSAND SEVEN HUNDRED AND FORTY EIGHT ONLY			
		CT		GT	BT
		08		03	57
		Test by		TSN	Release by
S.W.I.F.T. Section 1					
Authorized Signature					
User ID 013019					

Figure F.18. Original S.W.I.F.T.

B Bank Public Company Limited		S.W.I.F.T. Set		No. 0010011							
Branch Code 0130		S.W.I.F.T. FM-100		Date 4/23/2001							
Cr. Vostro		Reimbursing Bank BKKBKHHH									
Please despatch the following message :											
S.W.I.F.T. Ref. No. 013001OR00024		Beneficiary Bank : HSBC BANK									
Value Date 4/23/2001	Currency/Amount USD 6,748.00	SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN HONG KONG									
@45.00	Baht : 303,660.00	Beneficiary Account Number : 181-45-3937-0									
Commission	Baht : 100.00	Beneficiary Name : ORIENTAL BUTTONS LIMITED									
Transaction Charge	Baht : 300.00	Beneficiary Address : 54746, TSIM SHA TSUI NATHAN RD., HONG KONG									
Total Amount	Baht : 304,060.00	Details of Payment : GOODS									
Customer Name : GOLD MINE GARMENT CO.,LTD.		Details of Charge : BEN									
Address : 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		Country Code : 109									
Telephone Number : (02) 361-1157		Foreign Trading Code : 01									
Ordering Bank : BKKBTHBK											
Sender's Correspondent :											
Receiver's Correspondent :											
Amount in words :		SIX THOUSAND SEVEN HUNDRED AND FORTY EIGHT ONLY									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> <tr> <td>08</td> <td>03</td> <td>57</td> </tr> </table>				CT	GT	BT	08	03	57
CT	GT	BT									
08	03	57									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Test by</td> <td>TSN</td> <td>Release by</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Test by	TSN	Release by			
Test by	TSN	Release by									
Acknowledgement 2		Authorized Signature User ID 013019									

Figure F.19. Acknowledgement S.W.I.F.T.

B Bank Public Company Limited		S.W.I.F.T. Set		No. 0010011	
Branch Code 0130		S.W.I.F.T. FM-100		Date 4/23/2001	
Cr. Vostro		Reimbursing Bank		BKKBHKHH	
Please despatch the following message :					
S.W.I.F.T. Ref. No. 013001OR00024		Beneficiary Bank : HSBC BANK			
Value Date 4/23/2001		SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN			
Currency/Amount USD 6,748.00		HONG KONG			
@45.00		Baht : 303,660.00			
Commission		Baht : 100.00			
Transaction Charge		Baht : 300.00			
Total Amount		Baht : 304,060.00			
Customer Name : GOLD MINE GARMENT CO.,LTD.		Beneficiary Name : ORIENTAL BUTTONS LIMITED			
Address : 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		Beneficiary Address : 54/746, TSIM SHA TSUI NATHAN RD., HONG KONG			
Telephone Number : (02) 361-1157		Details of Payment : GOODS			
Ordering Bank : BKKBTBKK		Details of Charge : BEN			
Sender's Correspondent :		Country Code : 109			
Receiver's Correspondent :		Foreign Trading Code : 01			
Amount in words :		SIX THOUSAND SEVEN HUNDRED AND FORTY EIGHT ONLY			
Customer Receipt 3		Authorized Signature User ID 013019			

Figure F.20. Customer Receipt S.W.I.F.T.

B Bank Public Company Limited		S.W.I.F.T. Set	No. 0010011						
Branch Code 0130	S.W.I.F.T. FN-100								
Cr. Vostro									
Please despatch the following message :									
		Reimbursing Bank	BKKBKHH						
S.W.I.F.T. Ref No. 013001OR00024		Beneficiary Bank : HSBC BANK							
Value Date 4/23/2001	Currency/Amount USD	SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN HONG KONG							
@45.00	Baht : 6,748.00								
Commission	Baht : 303,660.00								
Transaction Charge	Baht : 100.00								
Total Amount	Baht : 300.00								
Customer Name : GOLD MINE GARMENT CO.,LTD.		Beneficiary Account Number : 181-45-3937-0							
		Beneficiary Name : ORIENTAL BUTTONS LIMITED							
Address : 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		Beneficiary Address : 54/746, TSIM SHA TSUI NATHAN RD., HONG KONG							
Telephone Number : (02) 361-1157									
Ordering Bank : BKKBTHBK		Details of Payment : GOODS							
Sender's Correspondent :		Details of Charge : BEN							
Receiver's Correspondent :		Country Code : 109	Foreign Trading Code : 01						
Amount in words :		SIX THOUSAND SEVEN HUNDRED AND FORTY EIGHT ONLY							
<table border="1" style="margin: auto;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> <tr> <td>08</td> <td>03</td> <td>57</td> </tr> </table>				CT	GT	BT	08	03	57
CT	GT	BT							
08	03	57							
<table border="1" style="margin: auto;"> <tr> <td>Test by</td> <td>TSN</td> <td>Release by</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>				Test by	TSN	Release by			
Test by	TSN	Release by							
Authorized Signature User ID 013019									
Liquidity Management Unit 4									

Figure F.21. Liquidity Management Unit S.W.I.F.T.

B Bank Public Company Limited		S.W.I.F.T. Set		No. 0010011							
Branch Code 0130		S.W.I.F.T. FM-100		Date 4/23/2001							
Cr. Vostro		Reimbursing Bank		BKKBKHKH							
Please despatch the following message :											
S.W.I.F.T. Ref. No. 013001OR00024		Beneficiary Bank : HSBC BANK									
Value Date 4/23/2001		SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN									
Currency/Amount USD 6,748.00		HONG KONG									
@45.00 Baht : 303,660.00		Beneficiary Account Number : 181-45-3937-0									
Commission Baht : 100.00		Beneficiary Name : ORIENTAL BUTTONS LIMITED									
Transaction Charge Baht : 300.00		Beneficiary Address : 54/746, TSIM SHA TSUI NATHAN RD., HONG KONG									
Total Amount Baht : 304,060.00		Details of Payment : GOODS									
Customer Name : GOLD MINE GARMENT CO., LTD.		Details of Charge : BEN									
Address : 1999, MOO 7, SUKHUMVIT 107, MUANG SAMUTPRAKARN 10270		Country Code : 109		Foreign Trading Code : 01							
Telephone Number : (02) 361-1157											
Ordering Bank : BKKBTHBK											
Sender's Correspondent :											
Receiver's Correspondent :											
Amount in words : SIX THOUSAND SEVEN HUNDRED AND FORTY EIGHT ONLY											
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CT</td> <td>GT</td> <td>BT</td> </tr> <tr> <td>08</td> <td>03</td> <td>57</td> </tr> </table>		CT	GT	BT	08	03	57	<div style="text-align: right;"> Authorized Signature User ID 013019 </div>	
CT	GT	BT									
08	03	57									
Office Copy 5											

Figure F.22. Office Copy S.W.I.F.T.

B Bank Public Company Limited			
Application for Outward Foreign Remittance			
To The manager, B Bank Public Company Limited			
		Date	
Branch.....			
I wish to apply for Outward Foreign Remittance Service in order to transfer funds to beneficiary by S.W.I.F.T. as per the details specified below :			
Ordering Customer :			
Address :			
Telephone :		Fax : Email :	
Customer ID :		Customer Tax :	
Details of Beneficiary			
Beneficiary's Name :			
Address :			
Bank's Name :			
Branch/ Address :			
Account Number :			
Details of Payment :			
Details of Charges : <input type="checkbox"/> Beneficiary <input type="checkbox"/> Ours			
Form of Payment : <input type="checkbox"/> Cash <input type="checkbox"/> Debit A/C at B Bank PCL. <input type="checkbox"/> Cashier's Cheque			
Bank.....		Branch..... Account No.....	
Cashier's Cheque No. Amount.....			
I/we, the ordering customer, certify that the above given details are correct and true.			
Signature.....		Ordering Customer/Authorized Person	
(.....)			
For Bank Use Only		S.W.I.F.T. Ref. No.....	
Currency & Amount.....		S.W.I.F.T. No.....	
Rate @	Baht.....	Reimbursing's Bank.....	
Commission	Baht.....	Country Cod..... FT. Code.....	
Transaction charges	Baht.....	CT	GT BT PT
Total	Baht.....		
Collector.....		Authorized.....	

Figure F.23. Application Form.

B Bank Public Company Limited																			
Application for Outward Foreign Remittance																			
To The manager, B Bank Public Company Limited																			
Date..... 04/23/2001.....																			
Branch..... 0130.....																			
I wish to apply for Outward Foreign Remittance Service in order to transfer funds to beneficiary by S.W.I.F.T. as per the details specified below :																			
Ordering Customer :... GOLD MINE GARMENT CO.,LTD.....																			
Address :... 1999, MOO 7, SUKHUMVIT 107, MUANG, SAMUTPRAKARN 10260.....																			
Telephone :... (02) 361-1157..... Fax :... (02) 361-1163..... Email :garment @goldmine.co.th.....																			
Customer ID :... 0024010803..... Customer Tax :... 3-32087459-0.....																			
Details of Beneficiary																			
Beneficiary's Name :... ORIENTAL BUTTONS LIMITED.....																			
Address :... 54/746, TSIM SHA TSUI NATHAN RD., HONG KONG.....																			
Bank's Name :... HSBC BANK.....																			
Branch/ Address :... SHA TSUI BRANCH, NATHAN RD., TSIM SHA KLN, HONG KONG.....																			
Account Number :... 181-45-3937-0.....																			
Details of Payment :... GOODS.....																			
Details of Charges : <input type="checkbox"/> Beneficiary <input type="checkbox"/> Ours																			
Form of Payment : <input type="checkbox"/> Cash <input type="checkbox"/> Debit A/C at B Bank PCL. <input type="checkbox"/> Cashier's Cheque																			
Bank... B BANK PCL... Branch... 0130... Account No... 130-3-07109-4.....																			
Cashier's Cheque No. Amount.....																			
I/we, the ordering customer, certify that the above given details are correct and true.																			
Signature..... Ordering Customer/Authorized Person																			
(.....)																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">For Bank Use Only</td> </tr> <tr> <td>Currency & Amount... USD..6,748.00.....</td> <td>S.W.I.F.T. Ref. No... 013001OR00024.....</td> </tr> <tr> <td>Rate @ 45.00 Baht..... 303,660.00.....</td> <td>S.W.I.F.T. No... 0010011.....</td> </tr> <tr> <td>Commission Baht..... 100.00.....</td> <td>Reimbursing's Bank... BKKBTHBK.....</td> </tr> <tr> <td>Transaction charges Baht..... 300.00.....</td> <td>Country Cod... 109... FT. Code... 01.....</td> </tr> <tr> <td>Total Baht..... 304,060.00.....</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CT 08</td> <td>GT 03</td> <td>BT 57</td> <td>PT 7701</td> </tr> </table> </td> </tr> <tr> <td>Collector.....</td> <td>Authorized.....</td> </tr> </table>	For Bank Use Only		Currency & Amount... USD..6,748.00.....	S.W.I.F.T. Ref. No... 013001OR00024.....	Rate @ 45.00 Baht..... 303,660.00.....	S.W.I.F.T. No... 0010011.....	Commission Baht..... 100.00.....	Reimbursing's Bank... BKKBTHBK.....	Transaction charges Baht..... 300.00.....	Country Cod... 109... FT. Code... 01.....	Total Baht..... 304,060.00.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CT 08</td> <td>GT 03</td> <td>BT 57</td> <td>PT 7701</td> </tr> </table>	CT 08	GT 03	BT 57	PT 7701	Collector.....	Authorized.....	
For Bank Use Only																			
Currency & Amount... USD..6,748.00.....	S.W.I.F.T. Ref. No... 013001OR00024.....																		
Rate @ 45.00 Baht..... 303,660.00.....	S.W.I.F.T. No... 0010011.....																		
Commission Baht..... 100.00.....	Reimbursing's Bank... BKKBTHBK.....																		
Transaction charges Baht..... 300.00.....	Country Cod... 109... FT. Code... 01.....																		
Total Baht..... 304,060.00.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CT 08</td> <td>GT 03</td> <td>BT 57</td> <td>PT 7701</td> </tr> </table>	CT 08	GT 03	BT 57	PT 7701														
CT 08	GT 03	BT 57	PT 7701																
Collector.....	Authorized.....																		

Figure F.24. Complete Application Form.

B Bank Public Company Limited		Foreign Exchange Confirmation Set	
S.W.I.F.T. Transactions	Br./Div. Code	Date	
<input type="checkbox"/> Spot <input type="checkbox"/> Extend Contract <input type="checkbox"/> Forward <input type="checkbox"/> Others			
Customer Name	Service Branch		
Quoting Date	Requested by		
Counter Rate Selling	Currency/Amount	Customer Rate Selling	Remarks
Requested by (Authorized Signature)		Confirmed by (Authorized Signature)	

Figure F.25. Foreign Exchange Confirmation Form.

B Bank Public Company Limited		Foreign Exchange Confirmation Set	
S.W.I.F.T. Transactions	Br./Div. Code	Date	
<input type="checkbox"/> Spot <input type="checkbox"/> Extend Contract <input type="checkbox"/> Forward <input type="checkbox"/> Others			
Customer Name	Service Branch		
Quoting Date	Quoted By	Requested by	
Counter Rate Selling	Currency/Amount	Customer Rate Selling	Remarks
Requested by (Authorized Signature)		Confirmed by (Authorized Signature)	

Figure F.26. Acknowledge Foreign Exchange Confirmation Form.

B Bank Public Company Limited		Foreign Exchange Confirmation Set	
S.W.I.F.T. Transactions	Br./Div. Code	Date	
<input type="checkbox"/> Spot <input type="checkbox"/> Extend Contract <input type="checkbox"/> Forward <input type="checkbox"/> Others			
Customer Name	Service Branch		
Quoting Date	Quoted By	Requested by	
Counter Rate Selling	Currency/Amount	Customer Rate Selling	Remarks
Requested by (Authorized Signature)		Confirmed by (Authorized Signature)	

Figure F.27. Office Copy of Foreign Exchange Confirmation Form.

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