WHOLESALE USED CAR INFORMATION SYSTEM

by

MR. ISIWUT RATANASUWAN

Final Report of the Three - Credits 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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Project Title	: Information System For Wholesale Used Car Company
Name	: Isiwut Ratanasuwan
Project Advisor	: Dr. Sudhiporn Patumtaevapibarn
Acadamic Year	: 1995

The Graduate School of Assumption University had 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.
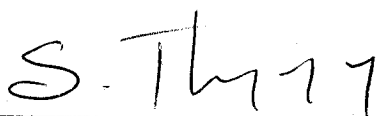
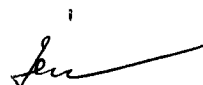Approved Committee :

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Member

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ABSTRACT

At present almost company require computer information system for better management of company and for improvement of service functions.

This Wholesale used car information system is developed to assist managers and users do their functions more effectively and efficiently. The capabilities of this system happen to a better security, support necessary information, maintain data acuracy, and reduce data redundancy. Further more, it can be used to reduce the existing problems and to give better service to customers as well.

The manual system will be replaced by the new system which will be implemented on PC Lan with Clipper5.01 Programming Language.

ACKNOWLEDGEMENT

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CHAPTER 1

INTRODUCTION

1.1 Background of the project

The wholesale used car company which play the role of the broker of used car business by gathering seller and buyer at a time. When agreement occur, the company will charge of both seller and buyer at reasonable price and will respond with every processes of the car trade activities. Because of higher volume of the customer and the nonsystematic operations, management of the company see that it is time to find a modern system that can support both employees and customers. The computerized based system is their choice.

As soon as the new system can be set up completely, the management can use information in strategic planning, the employees can easier do the jobs, the customer will be impressively served, and the problem can be rapidly solved. In order to meet this objective, the management decide to build this new project for their business.

The wholesale used car information system is required for the company as a way to hit above problems. This system will assist the management, especially at the top level in advertising planning, servicing planning, and labor planning as well. With this system, the wholesale used car information will be stroed in server and can be shared by other users of workstations.

1.2 Objective of the project

The objectives of the Wholesale used car Information System are as follow :

- To design a computer based information system

- To upgrade services for higher number of customer

- To develop and test software package for new system

- To provide meaningful information and reports

- To eliminate the redundancy of data.

- To make good image of modern company.

1.8 Scope of the project

The scopes of the project are as follows :-

1. The system is concentrated on major part of the wholesale used car operation which can be classified into

- Customer data and contract creation

- Car table for sale

- Car collection and return operation

- Car-In stock system

- Calculation of payment of customers.

- Sale summary

2. The valid reports are generated by the system

3. The updated data will be easily inquired by the system
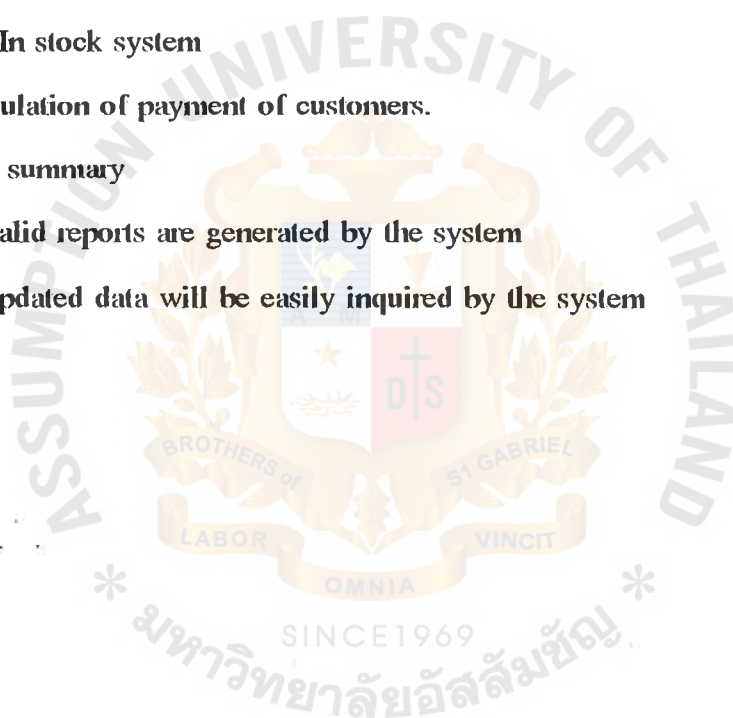
CHAPTER 2

EXISTING SYSTEM

2.1 Background of the organization

The wholesale used car company was established by a group of merchants who have most experience in used car business. They had an idea of collecting number of cars in stock and tried to find the group of buyers rather than trading one by one. They would charge of both seller and buyer. Its operation they did as a broker of financial institute. The types of automobile they need almost are cars and light trucks because of its majority part of used car market.

At first the company was composed of three groups of staff such as Supplier, accounting Department, and driver team. These activities are as follow

- Supplier is responsible for collecting cars and light trucks.
- The staff of Accounting has the activities of receiving payment from buyers, calculating, paying back money or cheuqe to sellers and managing car registration matter.
- The driver team is responsible for driving the cars in queue for sale and receiving and sending the cars and light trucks of customers.

At first year of business, these persons can do their jobs with no problem but now they always get the blame from their customers. Almost the processes were manaully done and a few number of computers were used.

With the high competition of used car business, the marketing

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department was established for encouraging the sale. But the usage of computers of this new department is the same as other departments by separately storing its own data which make the problems of no updating, the redundancy of data. The significant data of customers were scatterly strored by departments so the managements have an agreement to setting up a new method of the business operations and to finding a new computerized base system to improve their business. (Figure 2.1 : Context Diagram of Existing System)

To meet to need of company, the wholesale used car information system was required as possible. Executives thought that whenever this project is complete, they can can compete with competitors more effectively and efficiently.

2.2 Present Situation

At present, the operations of company are carrying out informally. Executives can lately get the information of monetary, labor, or marketing aspects. They need to get meaningful information in more formal format, accuracy, and just in time to make decisions in their business. All of documents are stored scatterly, not updated, and redundancy.

From the current situation, the problems of the system can be stated as follows :

- No standard input forms and reports. which causes confusing in data system.

- Nonsystematic filing system which causes the loss of important document.

- No meaningful reports for decision making.

- No automatic calculation for accounting matter.

- No elasticity of system, some processes can't be expanded to support higher volume of custemers.

- No automatic printing system, almost documents are manaully done.

- No data access system and inquiry, the necessary data are searched by hand.

This situations always are the limittation of business expansion, which cause that the executives are necessary to find out a better system to release these problems. (Refer to Figure 2.2 : Level 0 of Existing System)

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2.3 Business Functions

The four main departments have activities as follows :

2.3.1 Accounting Department

- Collect of payment such as commission and application fee from seller and operation charge of buyer.

- Calculate payment of customers both seller and suyer.

- Calculate payment of Value Added Tax from both seller and buyer.

- Prepare and print documents for customers.

- Validate the registration of cars that are to be sold.

- Check Car-In Stock.

2.3.2 Personel Department

- Plan the schedule of drivers.

- Control the queue of car parking.

- Arrange people to clean up car to be sale.

- Create Car-In Voucher.

- Create Car Table

- Check the accuracy of Car Registration Book.

- Check the accuracy of engine number and body number of cars.

- Release the cars by Car-Out Document.

2.3.3 Marketing Department

- Analyze the figures of Sale Result.

- Select the media for advertisement.

- Collect the automobile associated document.

- Schedule the period of advertising.

- Create brochure and other document for support the sale.

- Find out the new approaches of marketing and advertising.

2.3.4 Supplier

- Contract both seller and buyer under their own responsibility.

- Find out the new sources of automobile.

- Verify the accuracy of the car table before handing out to customer.

- Identify the price of car for sale.

- Express Sale Judgement.

The activities of the Wholesale Used Car Company almost are associated with each other and necessary to be closely controlled by the executives for the reasons of safety. (Figure 2.3 : Organization Chart)
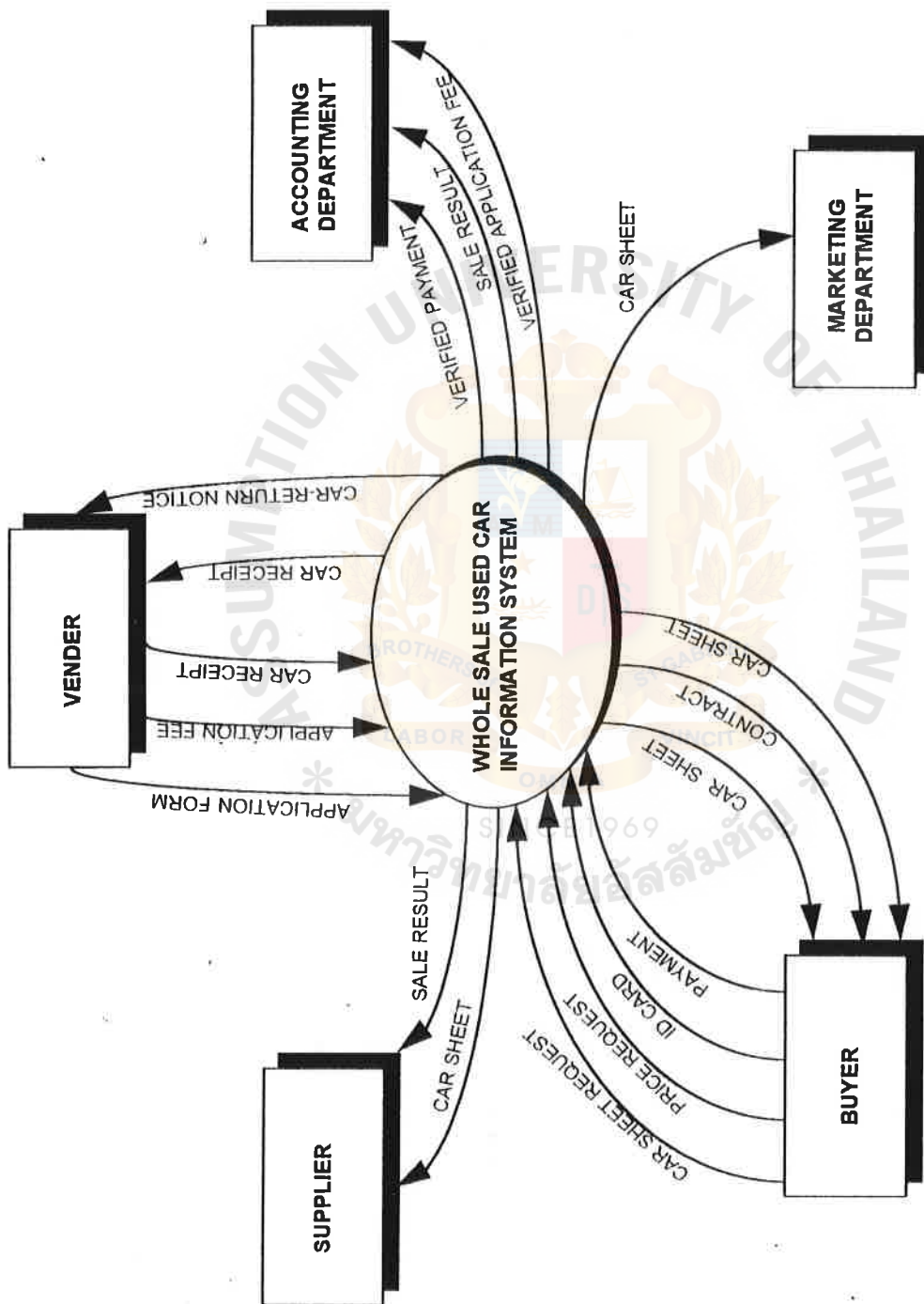
Figure 2.1 : Context Diagram of Existing Wholesale used Car Information System

BUYER

VENDER

MARKETING DEPARTMENT

SELLER FILE

SUPPLIER

BUYER FILE

ACCOUNTING DEPARTMENT

1.0 COLLECT APPLICATION FORM

2.0 CREATE CAR SHEET

3.0 SALE JUDGEMENT

4.0 CREATE CONTRACT

5.0 SEND IDLE CAR

6.0 SEND SOLD CAR

ID CARD

PAYMENT

CAR SALE NOTICE

CONTRACT

CAR SHEET REQUEST

CAR SHEET

PURCHASE REQUEST

CONTRACT

SALE RESULT

BUYER DATA

SOLD CAR MEMO

VERIFIED PAYMENT

CAR SHEET

CAR DATA

CAR SHEET

CAR SHEET

SALE RESULT

SALE RESULT

IDLE CAR MEMO

APPLICATION FORM

APPLICATION FEE

CAR RECEIPT

CAR RETURN NOTICE

SELLER DATA

CAR RECEIPT

Figure 2.2 : Level 0 Existing system of Wholesale Used Car Information System
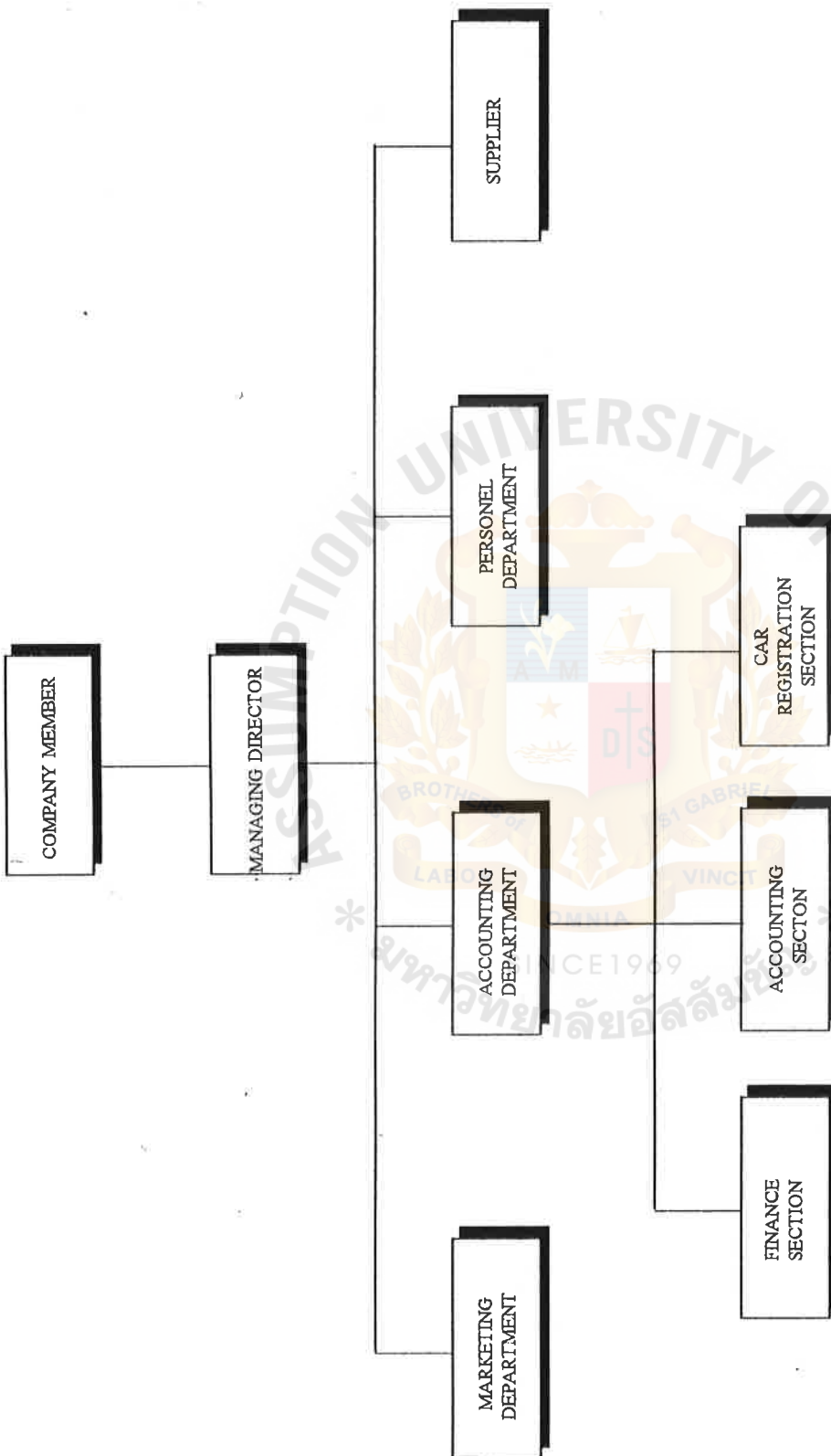
Figure 2.3 : Organization Chart of Wholesale Used Car Information System

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CHAPTER 3

PROPOSED SYSTEM

3.1 User Requirement

The success of the new system depends heavily on the attitudes, attentions, and skills of all users. Thus, the users have to concentrate on processes and have to understand the structure of the new system, then they will find the easier ways to do their jobs. The training course and user manual are required for this new system, therefore it depend on the ability of them to get the new way of changes.

User requirement, from system analysis, can be specified as follow :-

3.1.1 Automatic calculation of expenditures and other taxation of both seller and buyer.

3.1.2 The reports for managements and of business operations would be printed formally and meaningfully from computers and would be produced on time. People in departments can use them for routine, planning, or control purpose.

3.1.3 The screen should be designed in user-friedly format which the users or executives can easily understand to use.

3.1.4 The hardware configuration is a Local Area Network (LAN) in order to support the users in other departments with shared data and security system. The security and control procedure should be required in order to idintify autholized access for each users.

3.1.5 Utility software and necessary application software shoud be required for servicing all users

3.1.6 Data input should be entered in easy and convenient way. The data error correction is required to be easy to do.

3.1.7 Documents of company should be printed from computer system and should be designed to be formal and understanding format.

3.1.8 Cabling system should be designed in hidden way.

3.2 New system requirement

For the new system, users and managements would be easier do their jobs. Data collecting during the study of the existing system should be reviewed. The users requirement should be carefully analyzed and refined. These information should be used as basis of developing the new system requirement.

The input and output were defined as follows :-

Input requirement :

1. Application Form data entry of Seller

2. Contract data entry

3. Buyer data entry

4. Seller data entry

5. Car data entry

6. Payment data entry

Output Requirement :-

1. Seller History Report

2. Buyer History Report

3. Sale Result Notice

4. Car_Out Document

5. Car Specification Document

6. Car sale Report by seller

7. Car sale Report by buyer

8. Daily Idle Car Report

9. Daily Payment Report

10. Car table

11. Seller - Buyer Report

12. Contract

13. Car-In stock Report

14. Daily Car-In Report

15. Daily Car-Out Report

16. Car sale Report by supplier (Buyer)

17. Car sale Report by supplier (Seller)

18. Daily Car-In Report By Car Rec NO

All documents above should be designed in meaningful manner because they are used for management planning, marketing planning, personel planning, and routine jobs.

3.3 Process

From studying user requirement and data flow diagram of The Wholesale used car company, major processes of this project can be identified as follow (Refer to Figure 3.2) :-

PROCESS 1.0 : Collect Application Form (Refer to Figure 3.3)

- Verify application form

- Count application fee

- Record seller data

- Record car data

- Assign car number

- Print car specification document

PROCESS 2.0 : Create Car Table (Refer to Figure 3.4)

- Record car table

- Modify car queue

- Print car table

- Distribute car table

PROCESS 3.0 : Sale Judgement (Refer to Figure 3.5)

- Check document

- Consider price bid

- Express sale result

- Prepare idle car memo

- Prepare sold car memo

- Print sale result notice

PROCESS 4.0 : Create Contract (Refer to Figure 3.6)

 - Check car memo

 - Verify payment

 - Enter buyer data

 - Select car

PROCESS 5.0 : Send Idle Car (Refer to Figure 3.7)

 - Verify idle car memo

 - Print idle car return slip

 - Check car-in voucher and slip

PROCESS 6.0 : Send Sold Car (Refer to Figure 3.8)

 - Verify contract

 - Print sold car slip

 - Check contract and slip
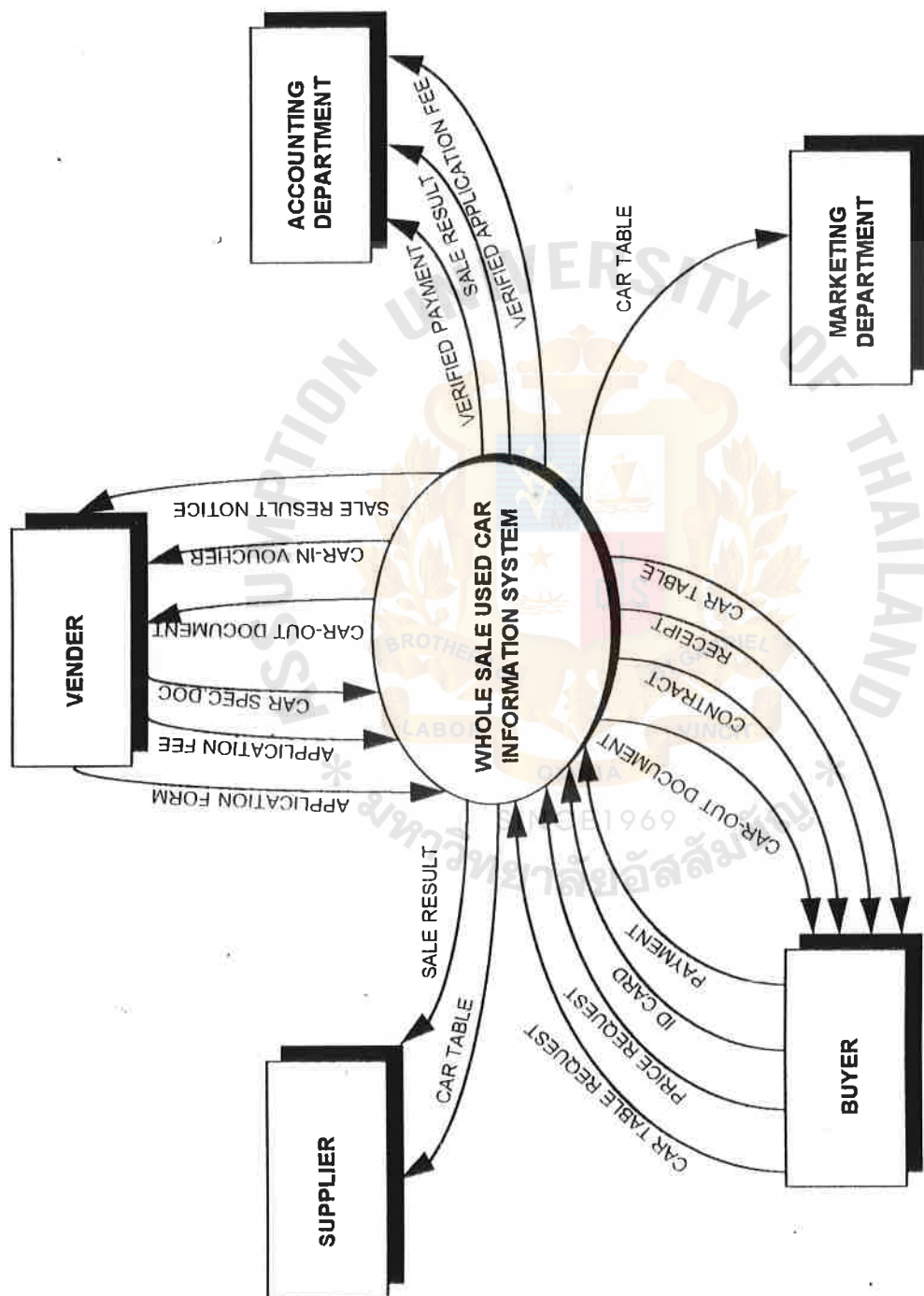
Figure 3.1 : Context Diagram of Proposed Wholesale used Car Information System

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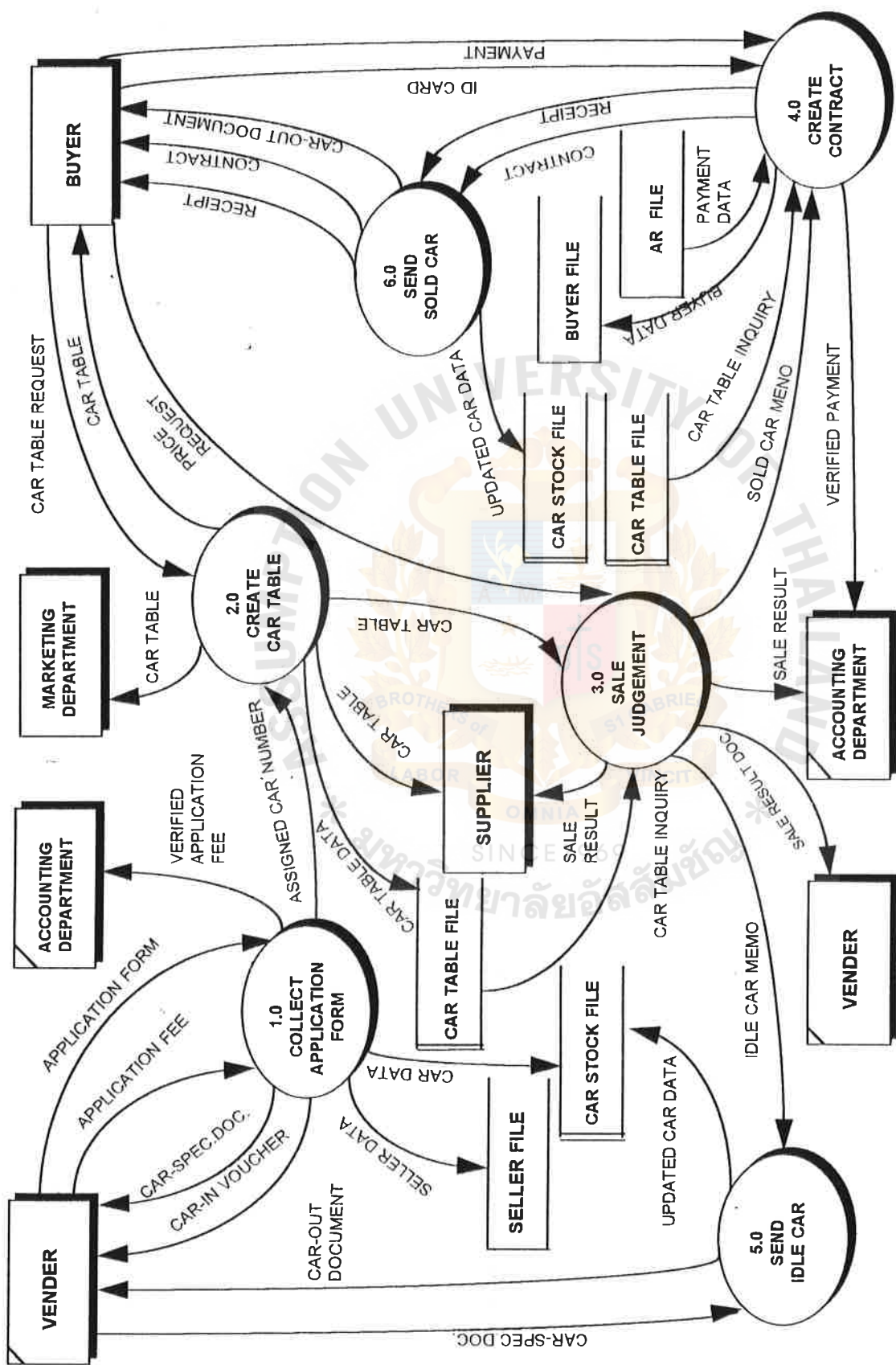
Figure 3.2 : Level 0 of Proposed Wholesale Used Car Information System

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Figure 3.3 : Level 1 Proposed System of Collect Application Form
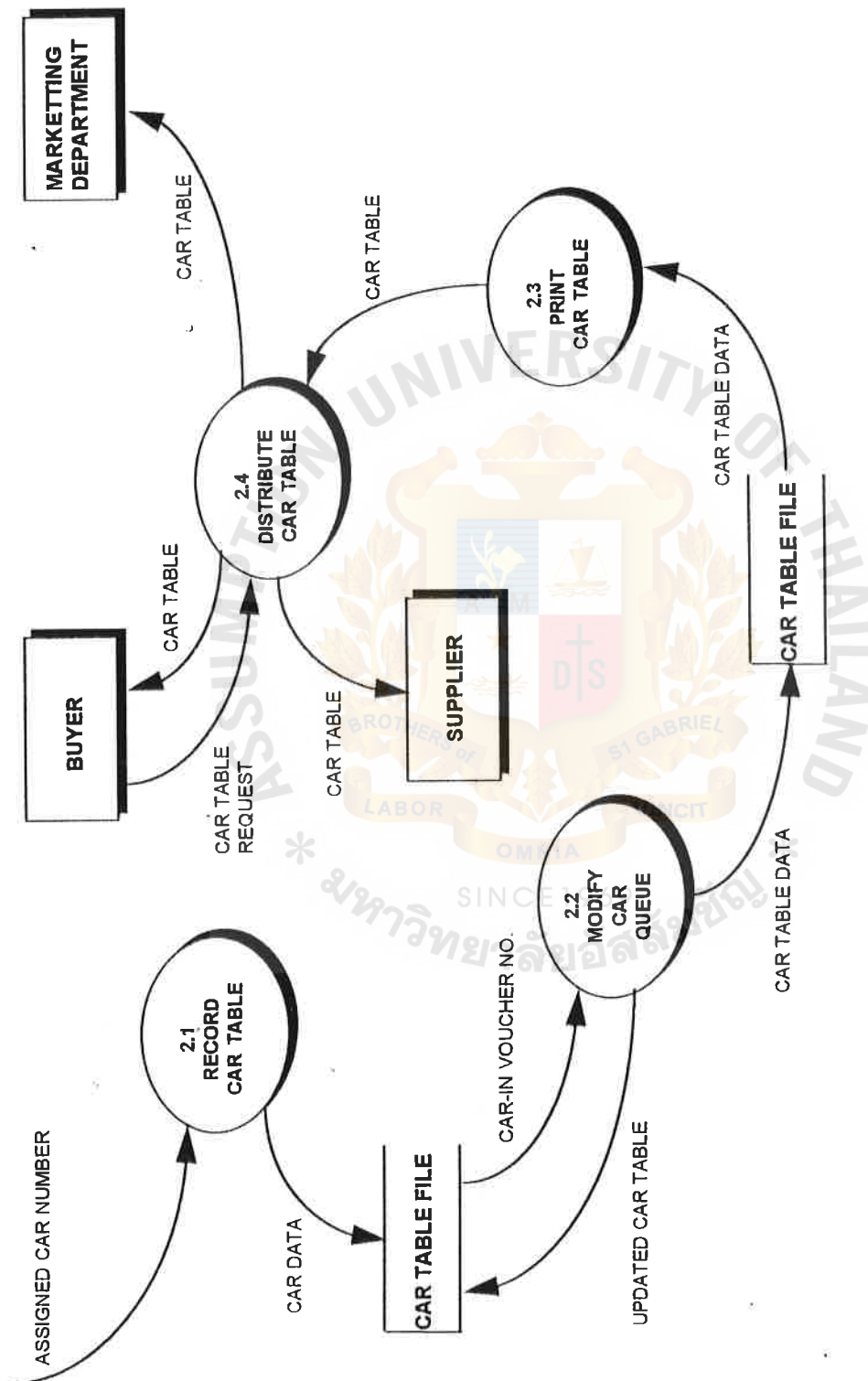
Figure 3.4 : Level 1 Proposed System of Create Car Table
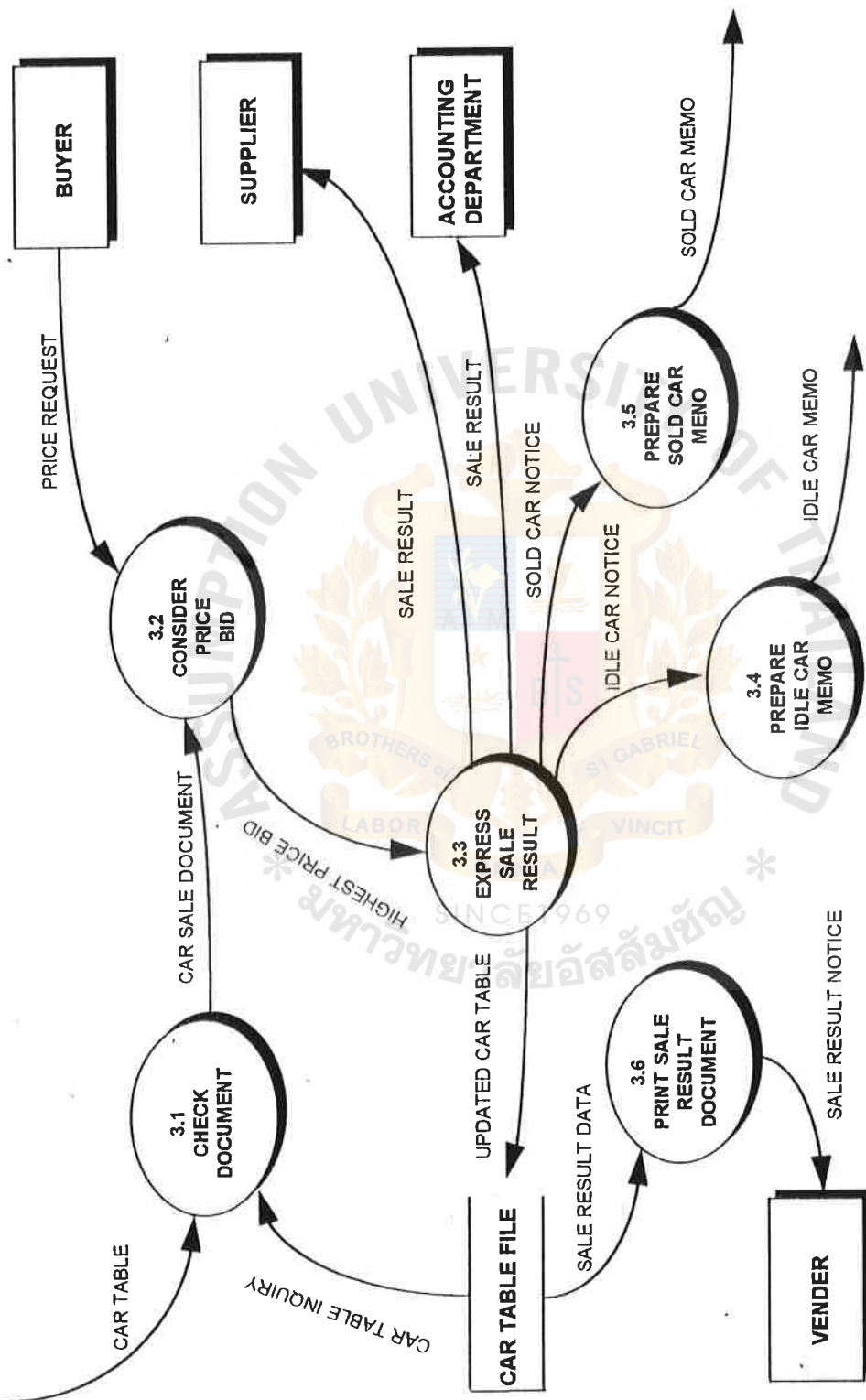
Figure 3.5 : Level 1 Proposed System of Sale Judgement
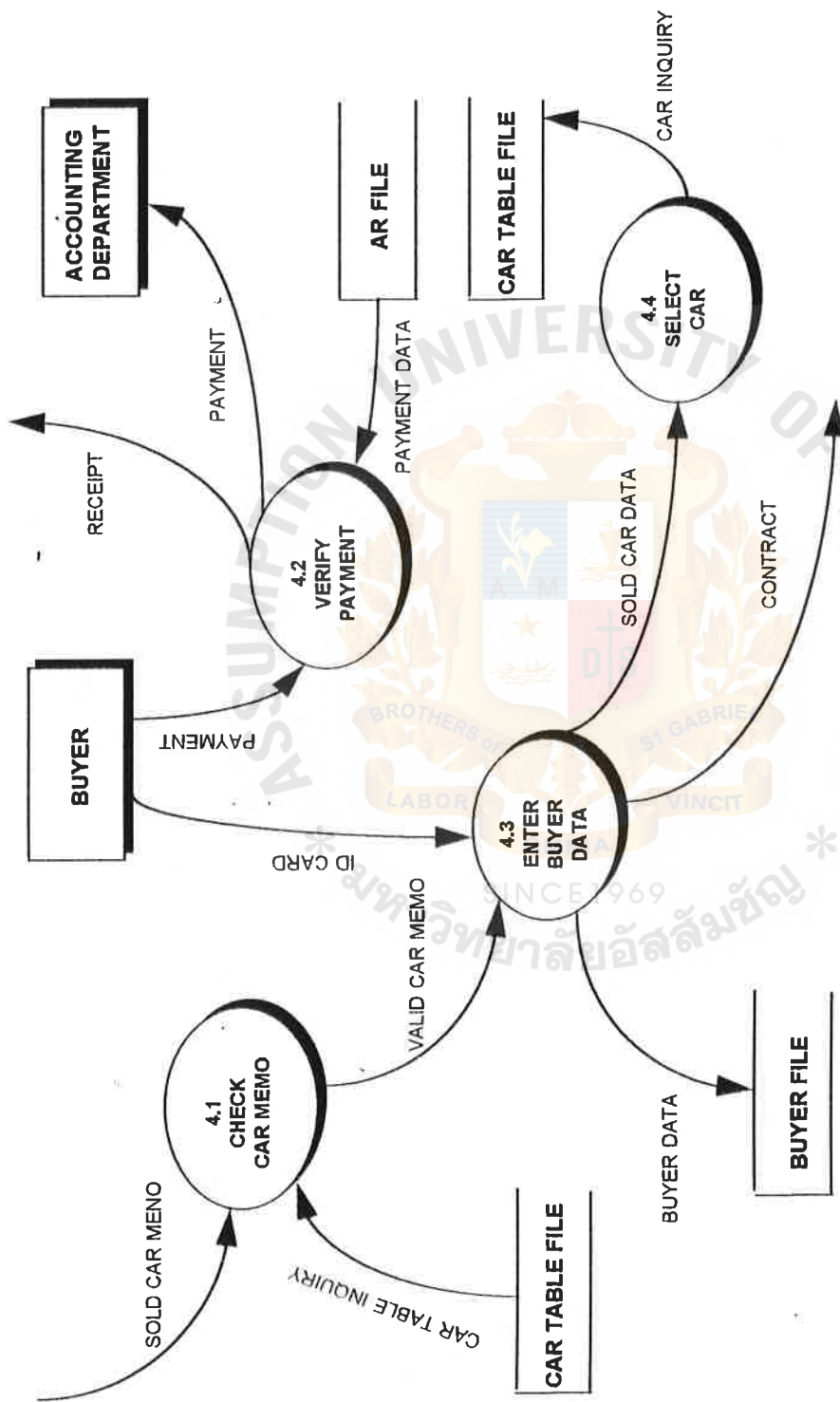
Figure 3.6 : Level 1 Proposed System of Create Contract
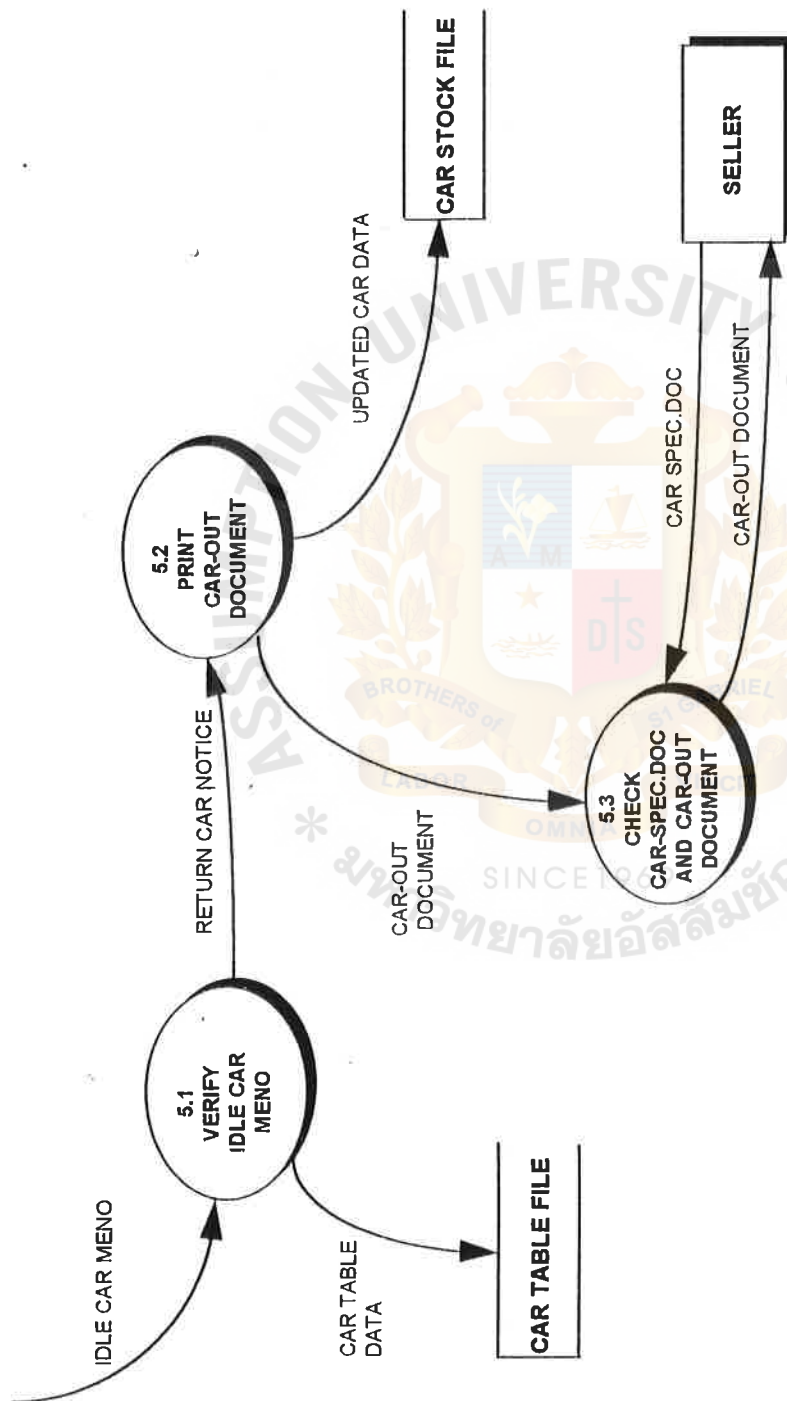
Figure 3.7 : Level 1 Proposed System of Send Idle Car
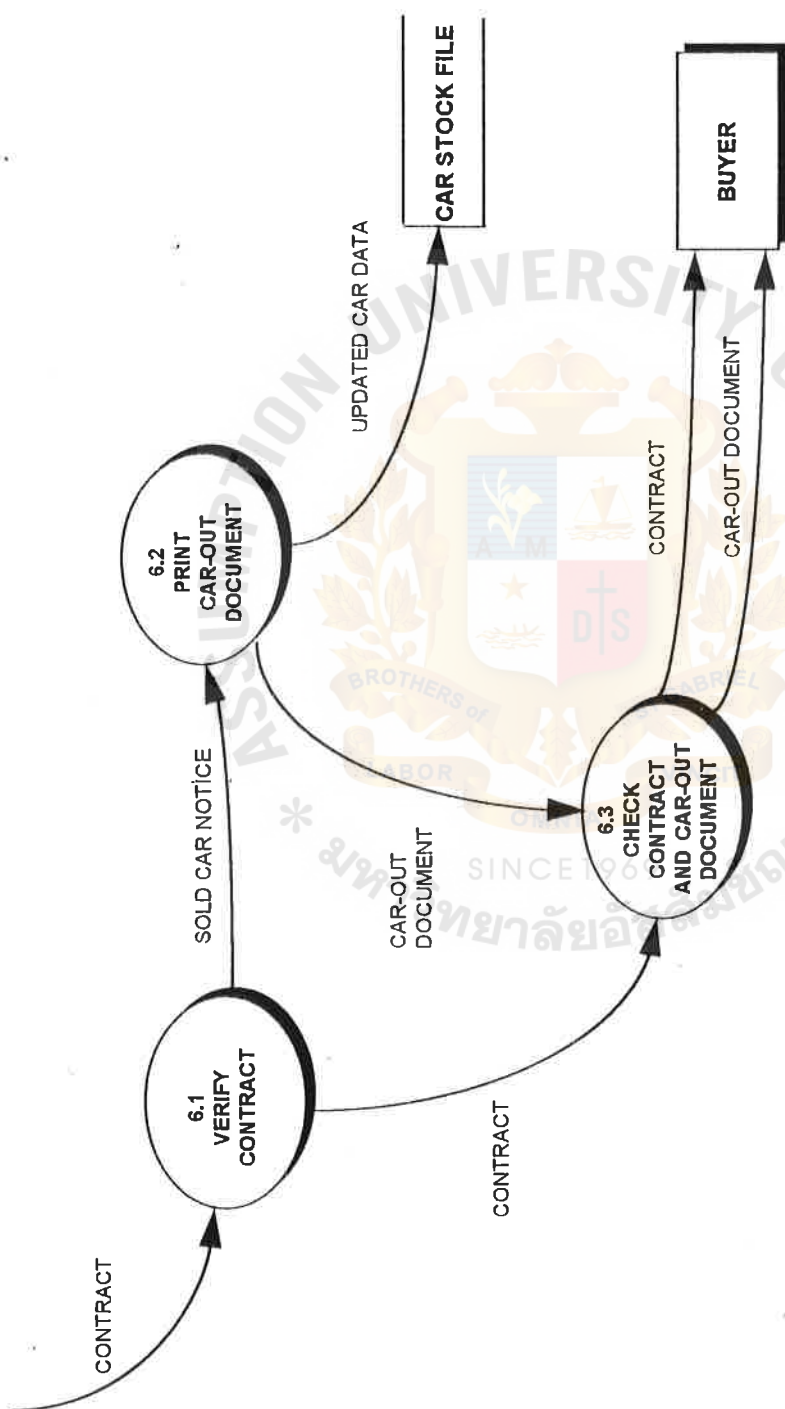
Figure 3.8 : Level 1 Proposed System of Send Sold Car

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3.4 Hardware and Software requirement

Hardware

Fortunately The Wholesale Used Car Company already provided departments a number of computers but in standalone computer system. So the required computer which have to be purchased is used as File Server and a number of Uninterruptable Power Supply. The equipments which have to be provided are as follow :-

1. Personel Computer	1	SET
- CPU PENTIUM 100 MHZ		
- Main Memory	16	MB
- Harddisk	1	GB
- Monitor 14" SVGA		
- 1 enhanced Serial Port		
2. LAN card	8	SET
3. Printer Epson LQ1170i	1	SET
4. Printer Epson LQ 570	2	SET
5. UPS	8	SET
6. Backup Tape	1	UNIT

Software

1. Novell Netware V 3.12 (20 users)

2. Clipper V 5.01

3. Utility Software

3.5 System Cost

Investment Cost

	UNIT	BUDGET
1. Personel Computer Pentium 100 Mhz	1	150,000
2. Printer EPSON 1170I	1	18,000
3. Printer EPSON 570	2	20,000
4. UPS	8	40,000
5. LAN Card	8	12,000
6. Cabling & Equipments	-	60,000
7. Tape Backup	1	20,000
8. Novell Netware 3.12	1	90,000
9. Clipper 5.1	1	8,000
Total investment cost	Baht	418,000

Implementation Cost

System development cost	Bath	400,000

Annual operating cost

Maintenance		16,000
Total of all cost	Bath	834,000

3.6 Tangible and Intangible Benefits

Intangible benefit

1. Reduce redundant processes of work.

2. Improve business planning.

3. Happen good image of company.

4. Provide accuracy, security, and control of processes

5. Increase quality and efficiency of services

6. Provide faster access into database

Tangible benefit

The tangible benefit that can be expected is to reduce recruitment of new employees and lower office space and cabinets as explain below.

1. Salary and bonus 3 persons (8,000 x 12)	288,000
2. Increase customers from better service	40,000
3. economic space and cabinets	100,000
Total of tangible benefit (Baht)	428,000

3.7 Cost / Benefit Analysis

Payback period is used to judge the profitability of a system. It is defined as the number of years required to accumulate earnings sufficient to cover the cost of the proposed system.

Payback Period

$$P = \frac{I}{(1-T)R}$$

P = Payback Period (Year)

I = Investment or capital expenditure

T = Corporate Tax rate (use 30%)

R = Annual saving realized by investment

$$P = \frac{834,000}{(1-0.30)428,000}$$

= 2.78 years or 3 years

The calculation of payback period of this project is about three years.

3.8 Security

This application is used on the assumption that they will be used in a stable hardware and software environment. There are no options for transaction logging or automatic recovery except as may be provided by the host operating system. The cost of providing such protection, in terms of additional hardware / software and lost processing power, is simply not justified formost users of general purpose packages.

This means that your computers system is vulnerable to three sources of failure:

1. System hardware components can fail. Typical system Mian can fail. Typical system Mean Time between Failure figures are in excess of one year, but eventually computers do fail.

2. System software components fail. Examples are : table area overflow, file header blocks being overwritten. These are unusual, but they do occur occasionally.

3. Operator errors cause system to fail. Operators back up the wrong disks , delete the wrong files, restore files from the wrong backups, and so on.

Although you are unlikely to encounter these problems frequently, they can occur at any time. Therefore, If you depend on the computer system for successful operation of your business, you must have some system for recovering from this possibility of failure.

Fortunately, there are many different utility programs available to back up your critical data files. You should decide upon a minimum time cycle during

which transactions entered are likely to remain available in hard copy form so that in event of data loss, they could be re-entered.That minimum cycle might be daily, or even more often ; but whatever it is, you most enforce a disciplined backup procedure that guarantees that you have at least one copy of the image of all critical data files from the end of the previous cycle. Thus, you can restore data from that backup and re-enter the transactions from the point of the last backup.

Futher more, you ought to use tape backup to daily store all data files and keep them in a security location. At run time, we procedure that the location of the files is determined with no operator intervention.

3.9 Project Implementation

After the agreement of managements of The Wholesale used car company, the project was truely done at the second week of july,1995. Because of a careful and well-devised plan for the implementation of a new system, the team of developers took about one month in feasibility study. They tried to collect most documents used in activities of company, to interview people associated with this business, and to observe processes of routine.

After analyzing and designing the the proposed system, they concluded all necessary documents, reports, and the structure of program to managements. As soon as modifying and adding documents, processes, and activities, the step of programming was done.

Because of the new designed system, it took about two months in the step of implementation, especially in programming. There were some hidden requirements always occurred. After the steps of testing and training were done, the bugs were eleminated. The system components and affected people can smoothly work together. Once the new system was accepted, the conversion from the existing system to the new one began.

In parallel conversion, the two system were operated simultaneously. Until the team of developers were confident that the new system was truely run, the old system was quit immediately. (Refer to Figure 3.9 : Project Implementation Schedule)

ACTIVITY	JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1.Feasibility Study		X	X																					
Study the existing system			X	X																				
Identify opportunities and objectives					X	X																		
2.System Analysis and Design							X	X	X															
Determining information requirement										X	X													
Analyzing system needs											X	X												
Designing the proposed system												X	X	X										
3. Implementation																								
Programming														X	X	X	X	X	X	X				
Training																			X					
Testing																				X				
Conversion																				X	X	X		

Figure 3.9 : Project Implementation Schedule

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CHAPTER 4

CONCLUSION AND RECOMMENDATION

Conclusions

From the current situation of the company, It is found that the processes of Wholesale Used Car Informatin System is delayed because of the weakness of the manual system. The filing system is not good enough, records are stored nonsystematiclly, inquiries are not possible.

From analyzing the existing and interviewing the associated persons of the this system, the requirements of the new system are identified. The uses want to see a better system with more systematic filing system. So the Wholesale Used Car Information System is developped to support these riquirements as described in this paper. Most of the processes are now database system not filing system. The data are stored in a computer and can be shared among associated people in company.

- The users and managers can more easily access and retrieve needed data from the same source.

- The variety of reports they need are automatically, and conveniently produced.

- The managements can get valuable relevant information they need in time.

- The redundancy of routine is seriously eleminated.

The implementation of this system is done by using Local Area

Network (LAN) syatem. The computers in departments are connected together with cable in hidden way. Fortunately dapartments already had its computers, so the cost of computer is just for File server , its equipment, and cabling. The cost / benefit analysis as mention of the new system has pay back period about nearly 3 years.

Recommendations

After converting and starting to use the new system for a few month, the managements told the developers that what they need are not in the reports. It may cause from the weakness in the period of studying requirements or the bad communication among people in company. Their recommendation of levels of users and menagements can be concluded as follow:-

- The clerks blame that the new system is hard to do and understand more than own system.

- The accounting team say that they can get the required report as needed and in time.

- The high level executives are rather fine in this system, and they told developers to help continuously developing their company by using this new technology like this system.

We can say that the new technology have better than the old one, It depend on the capability of people, the visions of management, and the completion of development.

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APPENDIX A

INTERVIEW NOTE

INTERVIEW NOTE		
PERSON INTERVIEWED Mr.Suchart Nakapakorn		**DATE** October 9,1995
DEPARTMENT Accounting Dept.	**LOCATION** Accounting Room	**TELEPHONE / EXTENSION** Ext. 120

Our problems were found since the higher number of cars were sold. It took so much time to create a contract because it can be done by one computer. Any other documents were created by hand. The payments of customers were calculated by calculators.Sometime the computer broke down, the contracts were created by hand as well. All reports were separately created because the computers were used in file system. It was very hard to check the valid number of cars in stock and its report has never been updated and created on time. The documents were designed in informal and different format. I think that it is necessary to have a better computer system to release these problems.

Relevant Forms :

Figure A-1 : Interview Note

APPENDIX B

DATA DICTIONARY

DATA DICTIONARY

Name of Data Store : SELLER

Field	Type	Description
BRN_CODE	C	Code of Branch
ACCT_CODE	C	Type of customer
ACC_NO	C	Number of Customer
OWN_TITL	C	Title of Name
OWN_NAME	C	Name of Customer
APP_DATE	Date	Date of Applicaton
AGE	N	Age of Seller
NATION	C	Nationality of Seller
ADR_N0	C	Number of Address
SOI	C	Address 1
ROAD	C	Address 2
SUB_DIST	C	Address 3
DISTRICT	C	Address 4
PROVINCE	C	Address 5
TELEPHONE	C	Number of Telephone
TAX_ID	C	Number of Taxation
ID_NO	C	Number of ID Card
REGISTER	C	Address of Registration Department
REG_DATE	Date	Date issued of ID Card
SELL_CODE	C	Code of Supplier
VAT_BUY	N	The Value Added Tax
SUB_CAHRG	N	Application Fee
SUB_TAX	N	The Value Added Tax of Applicaton Fee
COM_BASE	N	The Type of Variable
COM_ADD	N	The commission of Sale
MIN_COM	N	The minimum commission of Sale
TOT_BAL	N	Total balance of Expenditures
TOT_TAX	N	Total balance of Tax
TOT_CAR	N	The number of Car sold

FIGURE B-1 : LOGICAL DATA DICTIONARY FOR DATA STORE : SELLER

DATA DICTIONARY		
Name of Data Store : BUYER		
Field	**Type**	**Description**
BRN_CODE	C	Code of Branch
ACCT_CODE	C	Type of customer
ACC_NO	C	Number of Customer
OWN_TITL	C	Title of Name
OWN_NAME	C	Name of Customer
APP_DATE	Date	Date of Applicaton
AGE	N	Age of Seller
NATION	C	Nationality of Seller
ADR_N0	C	Number of Address
SOI	C	Address 1
ROAD	C	Address 2
SUB_DIST	C	Address 3
DISTRICT	C	Address 4
PROVINCE	C	Address 5
TELEPHONE	C	Number of Telephone
TAX_ID	C	Number of Taxation
ID_NO	C	Number of ID Card
REGISTER	C	Address of Registration Department
REG_DATE	Date	Date issued of ID Card
TOT_BAL	N	Total balance of Expenditures
TOT_TAX	N	Total balance of Tax
TOT_CAR	N	The number of Car bought

FIGURE B-2 : LOGICAL DATA DICTIONARY FOR DATA STORE : BUYER

DATA DICTIONARY		
Name of Data Store : ORD_TAB		
Field	**Type**	**Description**
BRN_CODE	C	Code of Branch
ACCT_CODE	C	Type of customer
ACC_NO	C	Number of Customer
BBRN_COD	C	Code of Branch of Buyer
BACCT_NO	C	Customer Type of buyer
BACC_N0	C	Acc.number of buyer
BOOK_NO	C	Number of Book (Part of Car Receipt)
SHEET_NO	C	Number of Sheet (Part of Car Receipt)
SALE_CODE	C	Type of Sale
CAR_CODE	C	Model of Car
CAR_YEAR	C	Year build of Car
CAR_COLOR	C	Color of Car
VEHI_CODE	C	Type of Car
CAR_REGNO	C	Registration Number of Car
PROV_CODE	C	Province of Registration
BEG_PRICE	N	Offer Price of Seller
CAR_ORDER	C	Sequence of Car
OPEN_DATE	Date	Date of Sale
DUE_DATE	Date	Date of Payment
VAT_BUY	N	The Value Added Tax of Purchase
SUB_CHARG	N	Application Fee
SUB_TAX	N	The Value Added Tax of Application
COM_CHARG	N	Commission of Sale
COM_TAX	N	The Value Added Tax of Commission
OPR_TAX	N	The Value Added Tax of Purchase Fee
B10_CHARG	N	10% Charge of Sale Price
B10_TAX	N	The Value Added Tax of 10% charge
B90_CHARG	N	90% Charge of Sale Price
B90_TAX	N	The Value Added Tax of 90% Charge
REMARK	C	Memorandum

FIGURE B-3 : LOGICAL DATA DICTIONARY FOR DATA STORE : CAR TABLE

DATA DICTIONARY		
Name of Data Store : SALE_TYP		
Field	**Type**	**Description**
SALE_CODE	C	Code of Sale
SALE_NAME	C	Type of Sale

FIGURE B-4 : LOGICAL DATA DICTIONARY FOR DATA STORE : TYPE OF SALE

DATA DICTIONARY		
Name of Data Store : PROVINCE		
Field	**Type**	**Description**
PROV_CODE	C	Code of Province
PROV_NAME	C	Name of Province

FIGURE B-5 : LOGICAL DATA DICTIONARY FOR DATA : PROVINCE

42

DATA DICTIONARY

Name of Data Store : BRANCH

Field	Type	Description
BRN_CODE	C	Code of Branch
BRN_NAME	C	Name of Branch

FIGURE B-6 : LOGICAL DATA DICTIONARY FOR DATA STORE : BRANCH

DATA DICTIONARY

Name of Data Store : USER

Field	Type	Description
USER_CODE	C	Code of User
USER_NAME	C	Name of User
POSITION	C	Position of User
PASSWORD	C	Password of User

FIGURE B-7 : LOGICAL DATA DICTIONARY FOR DATA STORE : USER

DATA DICTIONARY

Name of Data Store : AR

Field	Type	Description
Mark	C	Mark of Payment Entry
BRN_CODE	C	Code of Branch
ACCT_NO	C	Type of Customer
ACC_NO	C	Acc.Number of Buyer
VEHI_CODE	C	Type of car
DATE	Date	Date of Payment
SALE_CODE	C	Type of Sale
CAR_ORDER	C	Sequence of Car for Sale
OPEN_DATE	Date	Date of Sale
DESC_CODE	C	Code of Method of Payment
PAY_CODE	C	Type of Payment
REC_TITL	C	Title of Name
REC_NAME	C	Name of Buye
HOME_ADR	C	Address of Customer
PAY_DESC	C	Method of Payment
BALANCE	N	Balance of Payment
TAX	N	Total Value Added Tax
BANK_NAME	C	Name of Bank
BANK_BRN	C	Branch of Bank
NUMBER	C	Sequence of Car for Sale
STAM_DATE	Date	Stamped Date on Cheque
REMARK	o	Description

FIGURE B-8 : LOGICAL DATA DICTIONARY FOR DATA STORE : ACCOUNT RECEIVABLE

44

DATA DICTIONARY		
Name of Data Store : ARREC		
Field	**Type**	**Description**
Mark	C	Mark of Payment Entry
BRN_CODE	C	Code of Branch
ACCT_NO	C	Type of Customer
ACC_NO	C	Acc.Number of Buyer
VEHI_CODE	C	Type of car
DATE	C	Date of Payment
SALE_CODE	C	Type of Sale
CAR_ORDER	C	Sequence of Car for Sale
OPEN_DATE	C	Date of Sale
DESC_CODE	C	Code of Method of Payment
PAY_CODE	C	Type of Payment
REC_TITL	C	Title name of Buyer
REC_NAME	C	Name of Buyer
HOME_ADR	C	Address of Customer
PAY_DESC	C	Method of Payment
BALANCE	N	Balance of Payment
TAX	C	Total Value Added Tax
BANK_NAME	Date	Name of Bank
BANK_BRN	Date	Branch of Bank
NUMBER	N	Sequence of car to Sale
STAM_DATE	Date	Stamped Date on cheque
REMARK	o	Description

FIGURE B-9 : LOGICAL DATA DICTIONARY FOR DATA STORE ACCOUNT RECEIVABLE HISTORY

DATA DICTIONARY

Name of Data Store : VEH_TYP

Field	Type	Description
VEHI_CODE	C	Code of Vehicle
VEHI_NAME	C	Type of Vehicle

FIGURE B-10 : LOGICAL DATA DICTIONARY FOR DATA STORE : TYPE OF VIHICLE

DATA DICTIONARY

Name of Data Store : ACCTTYP

Field	Type	Description
ACCT_CODE	C	Code of Customer
ACCT_NAME	C	Type of Customer

FIGURE B-11 : LOGICAL DATA DICTIONARY FOR DATA STORE : TYPE OF CUSTOMER

DATA DICTIONARY

Name of Data Store : TITLE

Field	Type	Description
OWN_TITL	C	Title name of Customer
REMARK	C	Desoription

FIGURE B-12 : LOGICAL DATA DICTIONARY FOR DATA STORE : TITLE OF NAME

DATA DICTIONARY

Name of Data Store : SALE_VAR

Field	Type	Description
VAR_CODE	C	Title name of Variable
VAR_AMT	N	The amount of Variable

FIGURE B-13 : LOGICAL DATA DICTIONARY FOR DATA STORE : VARIABLE

DATA DICTIONARY

Name of Data Store : CAR_SHT

Field	Type	Description
BRN_CODE	C	Code of Branch
ACCT_CODE	C	Type of customer
ACC_NO	C	Number of Customer
BBRN_COD	C	Code of Branch of Buyer
BACCT_NO	C	Customer Type of buyer
BACC_N0	C	Acc.number of buyer
BOOK_NO	C	Number of Book (Part of Car Receipt)
SHEET_NO	C	Number of Sheet (Part of Car Receipt)
SALE_CODE	C	Type of Sale
REC_DATE	Date	Date of record
REC_TIME	C	Time of record
CAR_CODE	C	Model of Car
CAR_YEAR	C	Year build of Car
CAR_COLOR	C	Color of Car
VEHI_CODE	C	Type of Car
CAR_REGNO	C	Registration Number of Car
PROV_CODE	C	Province of Registration
BEG_PRICE	N	Offer Price of Seller

FIGURE B-14 : LOGICAL DATA DICTIONARY FOR DATA STORE : CAR SHEET

47

DATA DICTIONARY		
Name of Data Store : HCAR_SH		
Field	**Type**	**Description**
BRN_CODE	C	Code of Branch
ACCT_CODE	C	Type of customer
ACC_NO	C	Number of Customer
BBRN_COD	C	Code of Branch of Buyer
BACCT_NO	C	Customer Type of buyer
BACC_N0	C	Acc.number of buyer
BOOK_NO	C	Number of Book (Part of Car Receipt)
SHEET_NO	C	Number of Sheet (Part of Car Receipt)
SALE_CODE	C	Type of Sale
REC_DATE	Date	Date of record
REC_TIME	C	Time of record
CAR_CODE	C	Model of Car
CAR_YEAR	C	Year build of Car
CAR_COLOR	C	Color of Car
VEHI_CODE	C	Type of Car
CAR_REGNO	C	Registration Number of Car
PROV_CODE	C	Province of Registration
BEG_PRICE	N	Offer Price of Seller

FIGURE B-15 : LOGICAL DATA DICTIONARY FOR DATA STORE : CAT SHEET HISTORY

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DATA DICTIONARY		
Name of Data Store : DESCRIPT		
Field	**Type**	**Description**
DESC_CODE	C	Code of Method of Payment
DESC_NAME	C	Description of Method

FIGURE B-16 : LOGICAL DATA DICTIONARY FOR DATA STORE : METHOD OF PAYMENT

DATA DICTIONARY		
Name of Data Store : MODEL		
Field	**Type**	**Description**
CAR_CODE	C	Code of Car
CAR_NAME	C	Description of Car

FIGURE B-17 : LOGICAL DATA DICTIONARY FOR DATA STORE : MODEL OF CAR

APPENDIX C

USER MANUAL
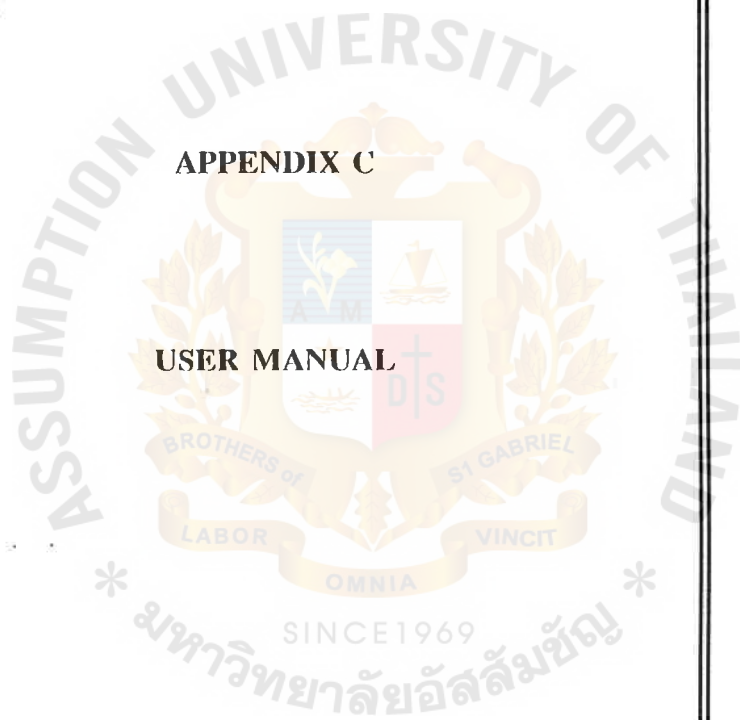
INTRODUCTION

This user manual is developed for The WholeSale Used Car Informantion System. This application is divided into 10 subsystems. Those are :-

1. Seller Data

2. Buyer Data

3. Stock Data

4. Car Table Data

5. Print Report

6. Maintenance

7. Admin.Data

8. Login

9. Password

10. Quit

This application is developed by using Clipper5.1 programming language.

WHOLESALE   USED CAR PACKAGE

USING THE SOFWARE

PACKAGE MENU

The main menu for the WholeSale Used Car package may be selected from the first screen of starting the computer. By selecting The WholeSale Used Car Menu, the first menu screen is available as below :-

```
┌──────────────── The WholeSale Used Car Information system ──User: xxxxx┐
│                                                                        │
│         A. SELLER DATA                                                 │
│                                                                        │
│         B. BUYER DATA                                                  │
│                                                                        │
│         C. STOCK DATA                                                  │
│                                                                        │
│         D. CAR TABLE DATA                                              │
│                                                                        │
│         E. PRINT REPORT                                                │
│                                                                        │
│         F. MAINTENANCE                                                 │
│                                                                        │
│         G. ADMIN. DATA                                                 │
│                                                                        │
│         H. LOGIN                                                       │
│                                                                        │
│         I. PASSWORD                                                    │
│                                                                        │
│         Q. QUIT                                                        │
│                                                                        │
└────────────────────────────────────────────────────────────────────────┘
```

To execute any application from this menu, type the character corresponding to the application and press RETURN by using the SHIFT and ARROW Keys to roll forward, or Backward, or press any key on the alphanumeric keyboard and press RETURN when the appropriate option is highlighted or type the character

corresponding to the application and press RETURN. If you select a character out of range, you will be given another opportunity to select a character within range. If you wish jto exit from this package, press the QUIT key or Esc key.

Run Instructions

1. Start your computer

2. Choose The WholeSale Used Car System , Press Enter

3. You will see a box, then key your code and password

4. You will see the Mainmenu on the screen (above), allow you to choose one of these functions:

5. Select the function that you want

   - If you select A - the screen of Seller data will be displayed (Screen A1)

   - If you select B -the screen of Buyer data will be displayed

   - If you select C -the screen of car-stock data will be displayed

   - If you select D -the screen of Car Table data will be displayed (by selecting Branch, Sale Type, Car Type, and Date of Sale.)

   - If you select E -the screen of Print menu will be displayed (by selecting Branch, Sale Type, Car Type, and Date of Sale.)

   - If you select F - the screen of Maintenance Menu will be displayed

   - If you select G -the screen of Admin. data will be displayed

   - If you select H - the screen of Login Menu will be displayed

   - If you select   I -the screen of Password Change will be displayed

   - If you select Q -Exit the menu

```
┌──────────── The WholeSale Used Car Information system ────────────┐
│                                                                   │
│                                                                   │
│                                                                   │
│         ┌─────────────────────────────────────────────┐          │
│         │                                              │          │
│         │          User :  [▒▒▒▒▒▒]                    │          │
│         │                                              │          │
│         │          Password :                          │          │
│         │                                              │          │
│         └─────────────────────────────────────────────┘          │
│                                                                   │
│                                                                   │
│                                                                   │
│                                                                   │
│                                                                   │
│                                                                   │
└───────────────────────────────────────────────────────────────────┘
```

Run Instructions

To execute this application package, type the character corresponding to his/her user name and press RETURN, then type the password corresponding to his/her password and press RETURN. The first screen of the Wholesale used car information sytem will be displayed. If you fill out invalid user name and password , you will be given another opportunity to fill out within range. If you wish to exit from this menu , press the Esc key to redisplay the front menu.

User : xxxxx

Enter new password :

Run Instructions

1. Select I from the Main Menu.

2. An screen appears which allows entry of the new password.

3. You can entry new password you want and press F10 to terminated the

application. The front screen of Main Menu Entry will be displayed.

You can also select a Admin. Menu that contains a selection of less frequently run applications by pressing the SPECIAL ACCESS Key. The menu screen is as below:

```
┌─ dd/mm/yy ──────────── Admin. Data ──────────── User: xxxxx ─┐
│                                                               │
│                                                               │
│            A. BRANCH FILE                                     │
│                                                               │
│            B. CUSTOMER TYPE FILE                              │
│                                                               │
│            C. PROVINCE FILE                                   │
│                                                               │
│            D. USER FILE                                       │
│                                                               │
│            E. NAME TITLE FILE                                 │
│                                                               │
│            F. SALE TYPE FILE                                  │
│                                                               │
│            G. VEHICLE TYPE FILE                               │
│                                                               │
│            H. MODEL FILE                                      │
│                                                               │
│            I. PAYMENT FILE                                    │
│                                                               │
│            K. VARIABLE                                        │
│                                                               │
│            Q. QUIT                                            │
│                                                               │
└───────────────────────────────────────────────────────────────┘
```

To execute any application from this menu, type the character corresponding to the application and press RETURN by using the SHIFT and ARROW Keys to roll forwart, or Backward, or press any key on the alphanumeric keyboard and press RETURN when the appropriate option is highlighted. If you select a character out of range, you will be given another opportunity toselect a number within range. If you wish to exit from this menu , press the QUIT key or the Esc key to redisplay the front menu.

You can get a screen necessary to maintain the file by pressing the SPECIAL ACCESS Key. The Admin.Data screen are as follow :

BRANCH ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

——dd/mm/yy——————————————————————  User: xxxxx ——

  Code                                    Branch



  ——Enter-Zoom Esc-Quit —————————————————————————
```

Intructions

Press G Goto   - Search Branch Data by Code

Press Z Zoom   - Display Branch Data (Enter)

Press A Add   - Add new Branch Data

Press E Edit   - Edit Branch Data

Press D Delete   - Delete Branch Data

Press Q Quit   - Exit Menu

```
——————————————— Add Branch ————————————
│                                                          │
│                                                          │
│          Code :   [        ]                             │
│                                                          │
│        Branch :   [                          ]           │
│                                                          │
│                                                          │
——————————————— Enter-Zoom Esc-Quit ———————————
```

Run Instructions

1. Select A (Add) from the Branch Entry Screen.

2. An entry screen appears which allows entry of the code and Branch.

3. You can entry information you want to see and press F10 to terminate the

application. The front screen of Admin. Entry will be displayed.

CUSTOMER TYPE ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

──dd/mm/yy ──────────────────────────── User: xxxxx ──

  Code                              Customer Type




──Enter-Zoom Esc-Quit ──────────────────────────
```

Intructions

Press G Goto   - Search Customer Type Data by Code

Press Z Zoom   - Display Customer Type Data (Enter)

Press A Add   - Add new Customer Type Data

Press E Edit   - Edit Customer Type Data

Press D Delete   - Delete Customer Data

Press Q Quit   - Exit Menu

```
──────────────── Add Customer Type ────────────────


            Code :  [        ]

   Customer Type :  [                        ]


──────────── Enter-Zoom Esc-Quit ────────────
```

Run Instructions

1. Select A (Add) from the Customer Type Entry Screen.

2. An entry screen appears which allows entry of the code and Customer.

3. You can entry information you want to see and press F10 to terminated the

application. The front screen of Admin. Entry will be displayed.

PROVINCE ENTRY SCREEN

```
┌──────────────────────────────────────────────────────────────────────┐
│ UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn                                 │
│                                                                         │
│ Goto Zoom Add Edit Delete Quit                                          │
│                                                                         │
│ ──dd/mm/yy ──────────────────────────────────────── User: xxxxx  ─    │
│                                                                         │
│   Code                                    Province                      │
│  ─────────────────────────────────────────────────────────────────    │
│                                                                         │
│                                                                         │
│                                                                         │
│                                                                         │
│  ──Enter-Zoom Esc-Quit ────────────────────────────────────────────   │
└──────────────────────────────────────────────────────────────────────┘
```

Intructions

Press G	Goto	- Search Province Data by Code
Press Z	Zoom	- Display Province Data (Enter)
Press A	Add	- Add new Province Data
Press E	Edit	- Edit Province Data
Press D	Delete	- Delete Province Data
Press Q	Quit	- Exit Menu

```
┌──────────────────── Add Province ────────────────────┐
│                                                        │
│                                                        │
│            Code :   [_____]                           │
│                                                        │
│          Province: [_____]      │
│                                                        │
│                                                        │
│ ───────────────── Enter-Zoom Esc-Quit ───────────────  │
└────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Province Entry Screen.

2. An entry screen appears which allows entry of the code and Province.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Admin. Entry will be displayed.

USER ENTRY SCREEN

```
┌──────────────────────────────────────────────────────────────┐
│ UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn                       │
│                                                                │
│ Goto Zoom Add Edit Delete Quit                                │
│                                                                │
│ ──dd/mm/yy ──────────────────────────────── User: xxxxx ──   │
│   Code          User                    Position              │
│ ──────────────────────────────────────────────────────────   │
│                                                                │
│                                                                │
│                                                                │
│                                                                │
│  Enter-Zoom Esc-Quit ──────────────────────────────────────  │
└──────────────────────────────────────────────────────────────┘
```

Intructions

Press G Goto	-	Search User Data by Code
Press Z Zoom	-	Display User Data (Enter)
Press A Add	-	Add new User Data
Press E Edit	-	Edit User Data
Press D Delete	-	Delete User Data
Press Q Quit	-	Exit Menu

```
┌──────────────── Add User ─────────────────┐
│                                            │
│          Code :  ▓▓▓▓▓▓                     │
│          User:  ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓         │
│      Position .: ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓         │
│        ──────── Enter-Zoom Esc-Quit ────── │
└────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the User Entry Screen.

2. An entry screen appears which allows entry of the code and User.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Admin. Entry will be displayed.

TITLE ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

──dd/mm/yy ────────────────────────────── User: xxxxx ──

   Code            Title                      Description
  ─────────────────────────────────────────────────────────



   ·


──Enter-Zoom Esc-Quit ─────────────────────────────────────
```

Intructions

Press G Goto   - Search Title Data by Code

Press Z Zoom   - Display Title Data (Enter)

Press A Add   - Add new Title Data

Press E Edit   - Edit Title Data

Press D Delete - Delete Title Data

Press Q Quit   - Exit Menu

```
──────────────── Title User ────────────────


           Title :     [        ]

     Description :  [                      ]


──────────────── Enter-Zoom Esc-Quit ────────────────
```

Run Instructions

1. Select A (Add) from the Title Entry Screen.

2. An entry screen appears which allows entry of the Title and Description.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Admin. Entry will be displayed.

SALE TYPE ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

—dd/mm/yy———————————————————————————— User: xxxxx —

  Code                          Sale Type




—Enter-Zoom Esc-Quit ————————————————————
```

Intructions

Press G Goto   - Search Sale Type Data by Code

Press Z Zoom   - Display Sale Type Data (Enter)

Press A Add   - Add new Sale Type Data

Press E Edit   - Edit Sale Type Data

Press D Delete   - Delete Sale Type Data

Press Q Quit   - Exit Menu

```
—————————————————— Sale TypeUser ——————————



        Code :  [        ]

   Sale Type : [                         ]



————————————————— Enter-Zoom Esc-Quit ——————
```

Run Instructions

1. Select A (Add) from the Sale Type Entry Screen.

2. An entry screen appears which allows entry of the Code and Sale Type.

3. You can entry information you want to see and press F10 to terminated the

application. The front screen of Admin. Entry will be displayed.

VEHICLE TYPE ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

——dd/mm/yy ——————————————————————— User: xxxxx ——

  Code                          Vehicle Type
  _____




  ·



——Enter-Zoom Esc-Quit ——————————————————————————
```

Intructions

Press G Goto   - Search Vehicle Type Data by Code

Press Z Zoom   - Display Vehicle Type Data (Enter)

Press A **Add**   - Add new Vehicle Type Data

Press E Edit   - Edit Vehicle Type Data

Press D Delete - Delete Vehicle Type Data

Press Q Quit   - Exit Menu

```
——————————————————— Vehicle Type ———————————————



            Code :   [        ]

    Vehicle Type :   [                        ]



——————————————————— Enter-Zoom Esc-Quit ——————————
```

Run Instructions

1. Select A (Add) from the Vehicle Type Entry Screen.

2. An entry screen appears which allows entry of the Code and Vehicle Type.

3. You can entry information you want to see and press F10 to terminated the

application. The front screen of Admin. Entry will be displayed.

MODEL ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

──dd/mm/yy ──────────────────────────── User: xxxxx ──

  Code                              Model
  _____



──Enter-Zoom Esc-Quit ──────────────────
```

Intructions

Press G   Goto   - Search Model Data by Code

Press Z   Zoom   - Display Model Data (Enter)

Press A   Add   - Add new Model Data

Press E   Edit   - Edit Model Data

Press D   Delete   - Delete Model Data

Press Q   Quit   - Exit Menu

```
────────────────── Add Model ──────────────────



          Code :  [_____]

          Model : [_____]



────────────── Enter-Zoom Esc-Quit ──────────────
```

Run Instructions

1. Select A (Add) from the Model Entry Screen.

2. An entry screen appears which allows entry of the Code and Model.

3. You can entry information you want to see and press F10 to terminated the

application. The front screen of Admin. Entry will be displayed.

PAYMENT ENTRY SCREEN

```
┌──────────────────────────────────────────────────────────────┐
│ UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn                       │
│                                                               │
│ Goto Zoom Add Edit Delete Quit                                │
│ ──dd/mm/yy────────────────────────────────  User: xxxxx  ──  │
│   Code                         Method of Payment              │
│ ──────────────────────────────────────────────────────────── │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│ └─Enter-Zoom Esc-Quit ─────────────────────────────────────  │
└──────────────────────────────────────────────────────────────┘
```

Intructions

Press G Goto   - Search Payment Data by Code

Press Z Zoom   - Display Payment Data (Enter)

Press A Add   - Add new Payment Data

Press E Edit   - Edit Payment Data

Press D Delete - Delete Payment Data

Press Q Quit   - Exit Menu

```
┌──────────────── Add Payment ─────────────────┐
│                                               │
│          Code :  [        ]                   │
│       Payment : [                        ]    │
│                                               │
│ └───────── Enter-Zoom Esc-Quit ─────────────  │
└───────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Payment Entry Screen.

2. An entry screen appears which allows entry of the Code and Method of Payment.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Admin. Entry will be displayed.

VARIABLE ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Add Edit Delete Quit

——dd/mm/yy ———————————————————————————— User: xxxxx —

   Code                                    Variable



——Enter-Zoom Esc-Quit ————————————————————————————
```

Intructions

Press G Goto   - Search Variable Data by Code

Press Z Zoom   - Display Variable Data (Enter)

Press A Add   - Add new Variable Data

Press E Edit   - Edit Variable Data

Press D Delete   - Delete Variable Data

Press Q Quit   - Exit Menu

```
——————————————————— Add Variable ———————————

              Code : [        ]

           Variable : [                        ]


————————————————— Enter-Zoom Esc-Quit ————————
```

Run Instructions

1. Select A (Add) from the Variable Entry Screen.

2. An entry screen appears which allows entry of the Code and Variable.

3. You can entry information you want to see and press F10 to terminated the

application. The front screen of Admin. Entry will be displayed.

SELLER ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Find Zoom Add Edit Delete detaiL Receive Ouit
```

——dd/mm/yy——————————————————————User XXXXX —

Branch	Cust Type	Seller Acc.No.	Name	No. of Car
X999	999	9999999999	xxxxxxxxxxxxxxxxxxxx	9999

Instructions

Press G Goto   - Search Seller Data by Seller Acc.No.

Press F Find   - Search Seller Data by Name

Press Z Zoom   - Display detail of Seller Data (Enter)

Press A Add   - Add the new Seller Data

Press E Edit   - Edit Seller Data

Press D Delete   - Delete Seller Data

Press L detaiL   - Display car detail

Press R Receive - Receive payment

Press Q Quit   - Exit Menu

```
┌─────────────────────────── Add Seller ───────────────────────────┐
│                                                                   │
│  Branch : [▓▓]          XXXXXXXXXXXXXXXXXXXXXXXXXXXXX             │
│                                                                   │
│  Customer Type : [▓▓]   XXXXXXXXXXXXXXXXXXXXXXXXXXXX             │
│                                                                   │
│  Seller ID : [▓▓▓▓▓▓▓▓▓]                                         │
│                                                                   │
│  Seller Name : [▓▓▓▓▓▓▓]      [▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓]          │
│                                                                   │
│  Application Date :  dd/mm/yy          Age : [▓▓]                │
│                                                                   │
│  Nationality : [▓▓▓▓▓▓▓▓▓]     Add. No.: [▓▓▓▓▓▓▓▓▓]            │
│                                                                   │
│  Soi : [▓▓▓▓▓▓▓▓▓▓▓]           Street : [▓▓▓▓▓▓▓▓▓]             │
│                                                                   │
│  Subdist : [▓▓▓▓▓▓▓▓]          District : [▓▓▓▓▓▓▓▓]            │
│                                                                   │
│  Province : [▓▓▓▓▓▓▓▓▓▓]        Tel. No. [▓▓▓▓▓▓▓▓▓]            │
│                                                                   │
│  Tax ID : [▓▓▓▓▓▓]             ID Card : [▓▓▓▓▓▓▓▓▓]            │
│                                                                   │
│  Assg. From : [▓▓▓▓▓▓▓▓]       Assg. Date : dd/mm/yy            │
│                                                                   │
│  Control By: [▓▓]              XXXXXXXXXXXXXXXXXXX               │
│                                                                   │
│  Commission : [▓▓▓▓▓▓] 999.99 %    Min.Comm.: [▓▓▓▓▓▓▓]         │
│                                                                   │
│  Application Fee : [▓▓▓▓▓▓▓]   Application Tax : [▓▓▓▓▓▓▓]       │
│                                                                   │
│  Number of car Sold      999          Dept Total 99,999,999.99   │
│                                                                   │
└───────────────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Seller Entry Screen.

2. An entry screen appears which allows entry of the Seller. You may press F5 key
to search for Branch . the branch information will be displayed. After you select the
branch you want and Enter, the branch will be displayed at the first Seller Entry
Screen. The F5 Key can be used to search needed information through the Seller
file. Customer Type can be done as well.

3. The Seller Account Number will be automatically accumulated and appeared,
then you can entry information you want to see and press F10 to terminated the
application. The front screen of Seller Entry will be displayed.

CAR ENTRY SCREEN

——dd/mm/yy —————————————————————————————— User XXXXX ——

Car rec.No	Cust Type	Car reg.No.	Brand	Buyer
999-99999	9	9x-9999	xxxxxxxxxxxxxxxxxx	9999999999

Instructions

Press G Goto   - Search Car Data by Car.rec.No.

Press F Find   - Search Car Data by Car.Reg.No.

Press Z Zoom   - Display Car Data in detail (Enter)

Press A Add   - Add the new Car Data

Press E Edit   - Edit Car Data

Press D Delete   - Delete Car Data

Press S Send   - Send car

Press Q Quit   - Exit Menu

ADD CAR SCREEN

```
┌─────────────────────── Add Car ───────────────────────┐
│                                                        │
│ Bk.no. :  [░░░]        Ser.No   [░░░░░░░░░]            │
│                                                        │
│ Sale Type :   [░░░]     XXXXXXXXXXXXXXXXXXXXXXXXXXXXX   │
│                                                        │
│ Sale Date :  dd/mm/yy     Time :  hh/mm/ss             │
│                                                        │
│ Car Brand :  [░░░░░░░]   XXXXXXXXXXXXXXXXXXXXXXXXXXX    │
│                                                        │
│ Year Build : [░░░░░░░░]    Color :  [░░░░░░░]          │
│                                                        │
│ Car Registration No. :       [░░░──░░░░]               │
│                                                        │
│ Reg. Province :   [░░░]  XXXXXXXXXXXXXXXXXXXXXXXXXXX    │
│                                                        │
│ Start Price :    [░░░░░░░░░]   Bath                     │
│                                                        │
└────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Car Detail Screen.

2. An entry screen appears which allows entry of Book No. and Serial No. You may press F5 key to search for Sale Type . the Sale type information will be displayed. After you select the Sale Type you want and Enter, the Sale Type will be displayed at the first Seller Entry Screen. The F5 Key can be used to search needed information through the Seller file. Car Brand, Register Province can be done as well.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Car Detail will be displayed.

```
┌─────────────────────────────────────────────┐
│                  Send Car                     │
│                                               │
│   Send Date :  dd/mm/yy                       │
│                                               │
│   Seller Name :  xxxxxxxxxxxxxxxxxx           │
│                                               │
│   Send By :        [▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓]         │
│                                               │
└─────────────────────────────────────────────┘
```

Run Instructions

1. Select S (Send), an entry screen appears with the seller name and allows entry of Sender. You then press Enter Key to Save and the Send Document will be printed.

2. The front screen of Car Detail Screen will be displayed.

RECEIVE ENTRY SCREEN (SELLER)

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Receive Mark Ouit

Seller Acc.No.: 999-999-999999999

Dept Total :        99,999,999.99 Bath
```

—dd/mm/yy						User XXXXX
Pay type	Sale date	Car Type	Sale Type	SeQ.	Payment	Tax
xxx	dd/mm/yy	9	9	999	99,999,999.99	99,999,999.99

— Enter-Zoom Exc-Quit

Instructions

Press G Goto   - Search Buy data by Buyer Acc.No.

Press Z Zoom   - Display detail of Payment (Enter)

Press R Receive   - Receive payment by entry

Press M Mark   - Mark entry to pay

Press Q Quit   - Exit Menu

RECEIVE SCREEN (SELLER)

```
┌──────────────────────── Add Receive ────────────────────────────┐
│                                                                  │
│ Method of Payment: [░░░]        xxxxxxxxxxxxxxxxxxxxxxxxx         │
│                                                                  │
│ Date of Payment :    dd/mm/yy                                    │
│                                                                  │
│ Pay By :  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx                      │
│                                                                  │
│ Item :  [░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░]                     │
│                                                                  │
│ Amount of Req.Payment :      99,999,999.99   Bath.               │
│                                                                  │
│ Tax :                        99,999,999.99   Bath.               │
│                                                                  │
│ Amount to be paid :          99,999,999.99   Bath.               │
│                                                                  │
│ Remark : [░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░]                     │
│                                                                  │
└─ Esc- Quit ──────────────────────────────────────────────────────┘
```

Run Instructions

1. Select R (Receive) from the Receive Screen.

2. An entry screen appears which allows entry of Method of Payment. You may press F5 key to search for Method of Payment, the Method of Payment information will be displayed. After you select the Method you want and Enter, the Method will be displayed at the first Receive Screen. The F5 Key can be used to search needed information through the Seller file. The name of Seller will automatically displayed.

3. You can entry information you want to see and press F10 to terminated the application, The front screen of Seller Entry will be displayed.

BUYER ENTRY SCREEN

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Find Zoom Add Edit Delete detaiL Receive Ouit

────dd/mm/yy ─────────────────────────────────User XXXXX ──

 Branch   Cust Type   Seller Acc.No.          Name           No. of Car

 999       999         9999999999    xxxxxxxxxxxxxxxxxxxxx          999




──── Enter-Zoom Esc-Quit ────
```

Instructions

Press G Goto   - Search Buy data by Buyer Acc.No.

Press F Find   - Search Buyer Data by Name

Press Z Zoom   - Display Buyer Data in detail (Enter)

Press A Add   - Add the new Buyer Data

Press E Edit   - Edit Buyer Data

Press D Delete   - Delete Buyer Data

Press L detaiL   - Detail car by Buyer

Press R Receive   - Receive payment from Buyer

Press Q Quit   - Exit Menu

ADD BUYER SCREEN

```
┌──────────────────────────── Add Buyer ─────────────────────────────┐
│                                                                     │
│  Brandch : [    ]              xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx        │
│                                                                     │
│  Buyer Type :  [    ]          xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx        │
│                                                                     │
│  Buyer Acc.No. : [              ]                                    │
│                                                                     │
│  App. Date :  dd/mm/yy              Age : [      ]                   │
│                                                                     │
│  Nationlity : [            ]        Add.No. [            ]           │
│                                                                     │
│  Add1 : [            ]              Street : [          ]            │
│                                                                     │
│  Subd.: [           ]               District : [           ]         │
│                                                                     │
│  Province : [          ]            Tel No.: [           ]           │
│                                                                     │
│  Tax ID    [          ]             ID Card No.: [          ]        │
│                                                                     │
│  Assgn. By : [          ]           Assgn. Date :                    │
│                                                                     │
│  Number of car buught :  999        Dept Total :  99,999,999.99      │
│                                                                     │
└─────────────────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Buyer Entry Screen.

2. An entry screen appears which allows entry of the Buyer. You may press F5 key to search for Branch . the branch information will be displayed. After you select the branch you want and Enter, the branch information will be displayed at the first Seller Entry Screen. The F5 Key can be used to search needed information through the Buyer file. Customer Type can be done as well.

3. The Buter Account Number will be automatically accumulated and appeared, then you can entry information you want to see and press F10 to terminated the application. The front screen of Buyer Entry will be displayed.

CAR ENTRY SCREEN (BUYER)

```
UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Find Zoom Send Quit

——dd/mm/yy ————————————————————————————————User XXXXX ——
```

Car Rec. Num	Car Type	Car Reg.No.	Brand	Seller Acc.No.
999999999	999	9999999999	xxxxxxxxxxxxxxxx	999999999

Instructions

Press G Goto   - Search Car data by Car Num.

Press F Find   - Search Car Data by Car Reg.No.

Press Z Zoom   - Display detail of Car Data (Enter)

Press S Send   - Send Car to Buyer

Press Q Quit   - Exit Menu

```
┌─────────────────────────────────────┐
│             Send Car                 │
│                                      │
│   Send Date :  dd/mm/yy              │
│                                      │
│   Buyer Name :  xxxxxxxxxxxxxxxxx    │
│                                      │
│   Autorize :   [░░░░░░░░░░░░░░░]     │
│                                      │
└─────────────────────────────────────┘
```

Run Instructions

1. Select S (Send), an entry screen appears with the Buyer name and allows entry of Sender. You then press Enter Key to Save and the Send Document will be printed.

3. The front screen of Car Detail Screen will be displayed.

RECEIVE ENTRY SCREEN (BUYER)

UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Zoom Receive Mark Ouit

Buyer Acc.No.: 999-999-999999999

Dept Total :   99,999,999.99 Bath

dd/mm/yy   User XXXXX

Pay type	Sale date	Car Type	Sale Type	SeQ.	Payment	Tax
xxx	dd/mm/yy	9	9	999	99,999,999.99	99,999,999.99

Enter-Zoom Exc-Quit

Instructions

Press G Goto   - Search Buy data by Buyer Acc.No.

Press Z Zoom   -   Display detail of Payment (Enter)

Press R Receive - Réceive payment by entry

Press M Mark   - Mark entry to pay

Press Q Quit   - Exit Menu

RECEIVE SCREEN (BUYER)

```
┌──────────────────────── Add Receive ────────────────────────────────┐
│                                                                      │
│  Type of Payment :  [░░░]        xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx       │
│                                                                      │
│  Date of Payment :    dd/mm/yy                                       │
│                                                                      │
│  Pay by :   xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx                          │
│                                                                      │
│  Item :  [░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░]                      │
│                                                                      │
│  Amount of Req.Payment :      99,999,999.99   Bath.                  │
│                                                                      │
│  Tax :                        99,999,999.99   Bath.                  │
│                                                                      │
│  Amount to be paid :          99,999,999.99   Bath.                  │
│                                                                      │
│  Remark :  [░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░]                    │
│                                                                      │
└── Esc- Quit ─────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select R (Receive) from the Receive Screen.

2. An entry screen appears which allows entry of Method of Payment. You may press F5 key to search for Method of Payment, the Method of Payment information will be displayed. After you select the Method you want and Enter, the Method will be displayed at the first Receive Screen. The F5 Key can be used to search needed information through the Seller file. The name of Buyer will automatically displayed.

3. You can entry information you want to see and press F10 to terminated the application. The front screen of Buyer Entry will be displayed.

Car-In Stock Screen

UpArr DnArr PgUp PgDn CtrlPgUp CtrlPgDn

Goto Find Zoom Print Quit

Branch : ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓

─── dd/mm/yy ────────────────────────────────────── User XXXXX ───

Car Rec No	Sale Type	Car Reg No	Brand	Yr Bld
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99
999 99999	9	9X-999	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	99

─── Enter-Zoom Esc-Quit ───

Instructions

Press G Goto   - Search Car data by Car Reg.No.

Press F Find   - Search Car Data by Car Rec.No.

Press Z Zoom   - Display detail of Car Data

Press P Print   - Print Car-In Stock

Press Q Quit   - Exit

CarTable Screen

Goto Find Zoom Add Edit Delete Quit

Car Type: [░░░░░░░░░]   Sale Type: [░░░░░░░░░]   Sale Date: dd/mm/yy

——dd/mm/yy——————————————————————User XXXXX——

Seq	Brand/Type	Yr Bld.	Car Reg No	Off.Prc	Sale Prc.
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99
999	xxxxxxxxxxxxxxxxxxx	99	9x-9999	99,999,999.99	99,999,999.99

——Enter-Zoom Esc-Quit——

Instructions

Press G Goto   - Search Car data by Car Reg.No.

Press F Find   - Search Car Data by Car Rec.No.

Press Z Zoom   - Display detail of Car

Press A Add   - Add Car Data in Table

Press E Edit   - Edit Car Data in Table

Press D Delete   - Delete Car Data in Table

Press Q Quit   - Exit

```
┌──────────────────── Add Car Table ────────────────────┐
│                                                        │
│  Car Bk.No.: [░░░░]          Ser.No. :  [░░░░░░░]      │
│                                                        │
│  Seller Acc.No.: 999-999-9999999999                    │
│                                                        │
│  Seller Name : XXXXXXXXXXXXXXXXXXXXX                    │
│                                                        │
│  Car Brand : 9X-9999          Reg.Prov.: XXXXXXXXXXXXXXXXXX │
│                                                        │
│  Start Price : [░░░░░░░░░░░░░░░░]          SeQ. No.: 999 │
│                                                        │
│  Remark : [░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░]          │
│                                                        │
│                                                        │
└────────────────────────────────────────────────────────┘
```

Run Instructions

1. Select A (Add) from the Car Entry Screen.

2. An entry screen appears which allows entry of Car Bk.No. and Ser.No..

3. The sequence of car will be automatically accumulated and appeared.

4. Press F10 to terminated the application. The front screen of Car Table will be displayed.

A. DAILY CAR SALE REPORT BY SELLER

B. DAILY CAR SALE REPORT BY BUYER

C. DAILY IDLE CAR REPORT

D. CAR-IN STOCK REPORT

E. DAILY PAYMENT REPORT

F. DAILY CAR SALE REPORT BY SUPPLIER (SELLER)

G. DAILY CAR SALE REPORT BY SUPPLIER (BUYER)

H. SELLER HISTORY REPORT

I. BUYER HISTORY REPORT

J. DAILY CAR-IN REPORT

K. DAILY CAR-OUT REPORT

L. CAR-IN REPORT BY CAR REC NO.

M. SELLER - BUYER REPORT

N. DAILY CAR SALE BY SALE SEQUENCE

Q. QUIT

Esc-Quit

To execute any application from this menu, type the number corresponding to the application and press RETURN by using the SHIFT and ARROW Keys to roll forwart, or Backward, or press any key on the alphanumeric keyboard and press RETURN when the appropriate option is highlighted or type the number corresponding to the application and press RETURN. If you select a character out of range, you will be given another opportunity to select a character within range. If you wish to exit from this package, press the QUIT key or Esc key.

Run Instructions

1. Select the function that you want

- If you select A, print the number of cars that are sold by listing the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, and the Sale Price.

- If you select B, print the number of cars that are sold by listing the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, and the Sale Price.

- If you select C, print the number of cars that are idle by listing the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, and the Application Date.

- If you select D, print the number of cars that are kept in stock by listing the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Car-In Date, and Remark.

- If you select E, print the payment of buyers by listing the Buyer Account Number, Buyer Name, Car Registration Number, Charge, 10% , 90% of Payment.

- If you select F, print the number of cars that are sold by listing Code, Supplier Name with the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, and the Sale Price of their responsibility.

- If you select G, print the number of cars that are sold by listing Code, Supplier Name with the Buyer Account Number, Buyer Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, and the Sale Price of their responsibility.

- If you select H, print the history of seller by listing Seller Account Number, Seller Name, Address, Telephone, Age, Nationality, Tax ID, ID Card, Ussued By, Issued Date, and Application Date.

- If you select I, print the history of Buyer by listing Buyer Account Number, Buyer Name, Address, Telephone, Age, Nationality, Tax ID, ID Card, Ussued By, Issued Date, and Application Date.

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- If you select J, print the number of cars that are daily received by listing the Seller Account Number, Seller Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, Date Receive, and Remark.

- If you select K, print the number of cars that are daily send out by listing the Seller Name, Buyer Name, Car-In Voucher Number, Car Registration Number, Brand, Year Build, Date Send, and Remark.

- If you select L, print the number of cars that are daily received by listing the Car Registration Number, Car-In Voucher Number, Brand, Year Build, Date Receive, Seller Account Number, Seller Name, and Remark (sort by Car - Registration Number).

- If you select M, print the number of cars that are sold by listing the Seller number, Seller Name, Buyer Name, Car-In Voucher Number, Car Registration Number, Brand, Release Date, and blank of Signature and Authorize.

- If you select N, print the number of cars that are queued for sale in table by listing the Sequence, Seller Name, Car Registration Number, Brand, Start Price, bid Price, and Remark.

- If you select Q, Exit the menu

```
┌─ dd/mm/yy ──────────────── Maintenance ─────────────── User: xxxxx ─┐
│                                                                     │
│                                                                     │
│           A. Back Databsase                                         │
│                                                                     │
│           B. Restore Database                                       │
│                                                                     │
│           C. Pack & Reindex Database                                │
│                                                                     │
│           Q. Quit                                                   │
│                                                                     │
│                                                                     │
│                                                                     │
│                                                                     │
└─ Esc-Quit ──────────────────────────────────────────────────────────┘
```

Run Instructions

1. Press A to backup Database in required drive with Backup Tape.

2. Press B, to restore Database in value before calculating.

3. Press C, to completely delete records and reindex Database

4. Press Q to terminated the application. The front screen of Car Table will be

displayed.

APPENDIX D

INPUT FORMS
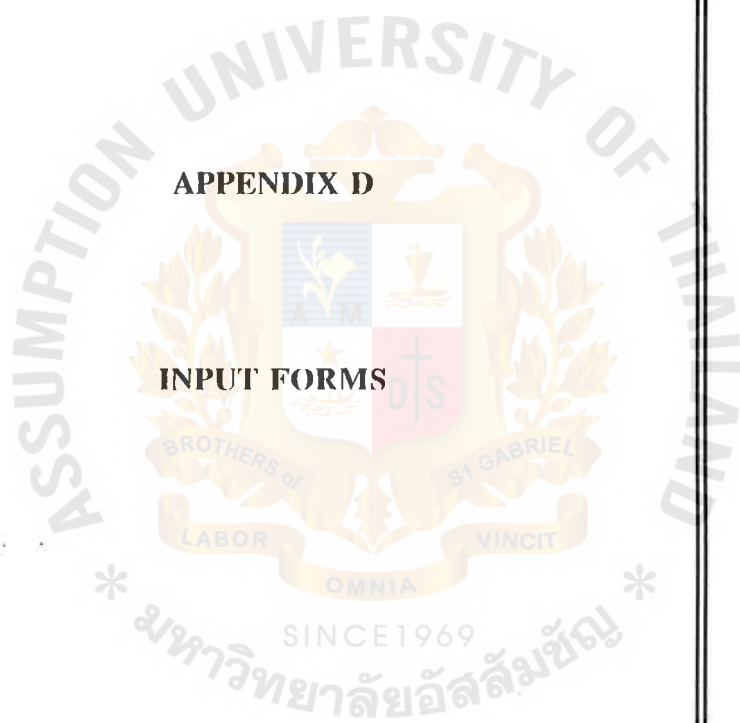
The Wholesald Used Car Company

Car-In Voucher

Doc.Number 999 99999

Date ....

Name of Owner ....

Address ....

Age .... Nationality ....

Telephone Number ....

ID Card / Other Card No. ....

Assigned By .... Date Assigned ....

Negotiation to sell :

Car Specification ....

License Plate Number .... Date Issued ....

Year Build 19 .... Color ....

For Amount .... Bath

....

(   )   (   )

Signature   Authorization

Figure D-1 : Car-In Voucher

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The Wholesald Used Car Company

PURCHASE CONTRACT

Car Serial Number.......................

Car Received Number ....

Date ....

Name of Customer ....

Age ....   Nationality ....

Address ....

ID Card / Other Card Number ....

Assigned by .... Date Assigned ....

Negotiation to buy :

Car Specification ....

License Plate Number .... Date Issued ....

Year Build   19..........   Color ....

	Amount	Bath
	Vat	Bath
	Total	Bath

....

(   )   (   )

Signature   Authorization

Figure D-2 : Purchase Contract

APPENDIX E

OUTPUT FORMS
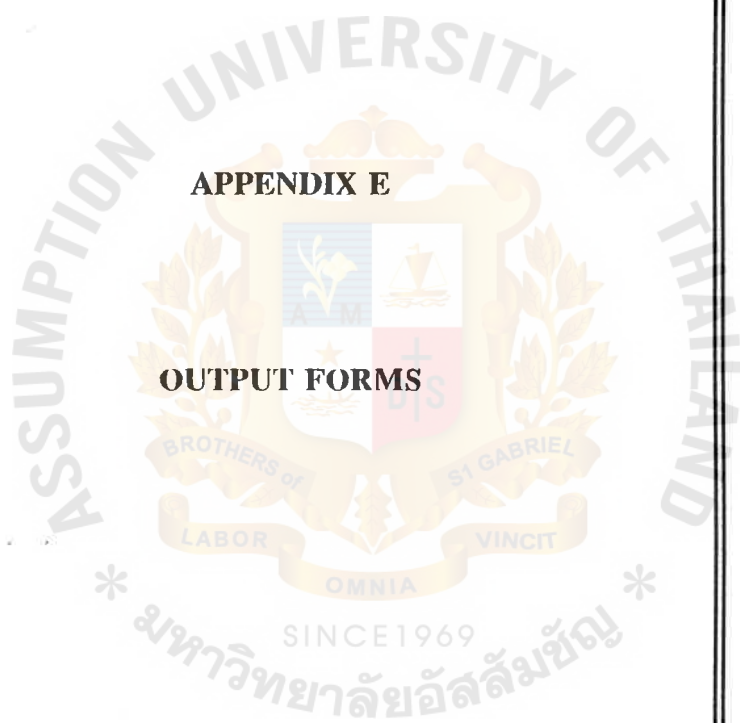
```
┌─────────────────────────────────────────────────────────────────┐
│               The Wholesale Used Car Company                      │
│                                                                   │
│                   CAR-OUT DOCUMENT                                │
│                                                                   │
│                              Slip Number .....................   │
│                                                                   │
│                              Date ...........................    │
│                                                                   │
│  Specification .................................................. │
│                                                                   │
│  Car-In Voucher Number .............................             │
│                                                                   │
│  Notation        Sold Car        Name of Buyer ................. │
│                                                                   │
│                  Idle Car        Name of Owner ................. │
│                                                                   │
│                                                                   │
│                                                                   │
│          ....................        ........................     │
│                Signature                  Authorization           │
│                                                                   │
└─────────────────────────────────────────────────────────────────┘
```

Figure E-1 : Car-Out Document

The Wholesald Used Car Company

Sale Result Notice

Date ..../......../........

To ....

We can notice the Sale Result of cars of your owner : Sale Date ..../......../........

Brand	License Plt. No.	Result	Price

Your sincerely

....

MANAGER

Figure E-2 : Sale Result Notice

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```
┌─────────────────────────────────────────────────────────────────┐
│                  The Wholesale Used Car Company                   │
│                                                                   │
│                 CAR SPECIFICATION DOCUMENT                        │
│                                                                   │
├─────────────────────────────────────────────────────────────────┤
│                                                                   │
│                                                                   │
│  Owner Name : xxxxxxxxxxxxxxxxxxxxxxxxxxxxx    Car-In Voucher No. : 999 99999 │
│                                                                   │
│  Car Brand : xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx    Assigned Sequence : 9999  │
│                                                                   │
│  Year Build : 9999                 color : xxxxxxxxxxxxxxxxxxxxxxxxxxxx │
│                                                                   │
│  Car License Plate No. : 9x-9999    Sale Type : xxxxxxxxxxxxxxxxxxxxxxxxxxxx │
│                                                                   │
│                                                                   │
│                                                                   │
│                          ..............................           │
│                                                                   │
│                          ( Applicant Signature )                  │
│                                                                   │
│                                                                   │
└─────────────────────────────────────────────────────────────────┘
```

Figure E-3 : Car Specification Document

BRANCH : xxxxxxxxxxxxxxxxxxxxxxxxxxx

VEHICLE : xxxxxxxxxxxxxxxxxxxxxxxxxx

SALE DATE : dd/mm/yy

SALE TYPE : XXXXXXXXXXXXXXX

SEQ.	CAR REG.NO.	BRAND	YR	PRICE	VAT
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %
9	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	99	99,999.9999	9.99 %

APPENDIX F

PROCESS MINISPECIFICATION

PROCESS MINISPECIFICATON	
PROCESS NAME :	**COLLECT APPLICATION FORM**
PROCESS NUMBER : 1.0	
PURPOSE :	

PURPOSE :

- verify application form from vender

- verify payment of application fee and send to Accounting Department

- record new seller data to be stored in SELLER FILE

- record new arrival car data to be stored in CAR-IN STOCK

- assign sequence number of car for each applicaton form

INPUT :

- Application Form

- Application Fee

OUTPUT :

- Car-In Voucher

- Seller Data

- Application Fee

- Car-Spec.Doc

- Assigned Car Number

PROCESS :

- receive application form

- collect money and sent to Accounting Department

- store seller data in file

Table F-a : Process Minispecification of Collect Application form

PROCESS MINISPECIFICATON
PROCESS NAME :   **CREATE CAR TABLE**
PROCESS NUMBER :   2.0

PURPOSE :
 	
      - collect car number to create car table
 	
      - distribute car table to external environment
 	
      - record car table in file

INPUT :
 	
      - Assing Car Number
 	
      - Car Table Request

OUTPUT :
 	
      - Car Table
 	
      - Car Table Data

PROCESS :
 	
      - arrange car in queue from assigned number
 	
      - store car table in file
 	
      - hand out car table to people

Table F-2 : Process Minispecification of Create Car Table

PROCESS MINISPECIFICATON
PROCESS NAME :   **SALE JUDGEMENT**
PROCESS NUMBER :   **3.0**

PURPOSE :
 	
       - consider highest price offered.
 	
       - make sale conclution
 	
       - prepare documents used to return cars

INPUT :
 	
       - Car Table
 	
       - Price Request
 	
       - Car Table Inquiry from Car Table File

OUTPUT :
 	
       - Idle Car Memo
 	
       - Sold Car Memo
 	
       - Sale Result
 	
       - Sale Result Document

PROCESS :
 	
       - verify car table with Car Table Inquiry from Car Table File
 	
       - consider the offered highest price and judgement
 	
       - notice sale result

Table F-3 : Process Minispecification of Sale Judgement

PROCESS MINISPECIFICATON
PROCESS NAME : **CREATE CONTRACT**
PROCESS NUMBER : 4.0

PURPOSE :
 	
    - calculate payment of buyer for car purchase
 	
    - verify payment of buyer
 	
    - record payment to CAR TABLE FILE

INPUT :
 	
    - ID Card
 	
    - Payment
 	
    - Sold Car Memo
 	
    - Car Table Inquiry
 	
    - Payment Data

OUTPUT :
 	
    - Verified Payment
 	
    - Buyer Data
 	
    - Contract
 	
    - Receipt

PROCESS :
 	
    - check sold car data by inquirying from Car Table File
 	
    - add new buyer to Buyer File
 	
    - inquire payment data from AR File
 	
    - send verified payment to Accounting Department

Table F-4 : Process Minispecification of Create Contract

PROCESS MINISPECIFICATON

PROCESS NAME :	SEND IDLE CAR

PROCESS NUMBER :   5.0

PURPOSE :

      - verify Car Table Data with idle car memo

      - update Car-In Stock File

      - print Return Car Slip

INPUT :

      - Car Spec.Doc

      - Idle Car Memo

OUTPUT :

      - Car-Out Document

      - Updated Car Data

PROCESS :

      - verify Idle Car Memo with Car-In Voucher

      - send Returned Car Slip to Seller

Table F-5 : Process Minispecification of Send Idle Car

PROCESS MINISPECIFICATON
PROCESS NAME :   **SEND SOLD CAR**
PROCESS NUMBER :   **6.0**

PURPOSE :
 	
       - verify and print Contract
 	
       - update Car-In Stock File
 	
       - print Car-Out Document

INPUT :
 	
       - Contract
 	
       - Receipt

OUTPUT :
 	
       - Car-Out Document
 	
       - Updated Car Data
 	
       - Receipt
 	
       - Contract

PROCESS :
 	
       - verify contract and print Car-Out Document
 	
       - verify contract and Car-Out Document
 	
       - send all document to Seller

Table F-5 : Process Minispecification Send of Sind Sold Car

APPENDIX G

REPORT LAYOUT

Daily Car Sale Report By Seller

Branch : xxxxxxxxxxxxxxxxxxxxxxx   Vehicle Type : xxxxxxxxxxxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxxxxxxxxxxxxx   Sale Date : dd/mm/yy

Seller Acc no	Seller Name	Car Reg No	Car Reg No	Brand	Yr Bld	Price
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
	Grand Total	999				99,999,999.99

* End of File *

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Daily Car Sale Report By Buyer

Branch : xxxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxxx

Sale Date : dd/mm/yy

Buyer Acc No	Buyer Name	Car Rec No	Car Reg No	Brand	Yr Bld	Price
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
9999999999	xxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxx	99	99,999,999.99
	Total	999				99,999,999.99
	Grand Total	999				99,999,999.99

* End of File *

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Daily Idle Car Report

Branch : xxxxxxxxxxxxxxxxxxxxxxxxxx

Sale Date : dd/mm/yy

Seller Aco no	Seller Name	Car Reo No	Car Reg No	Brand	Yr Bld	Application Date
9999999999	xxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxx	99	dd/mm/yy
TOTAL						
9999999999	xxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxx	99	dd/mm/yy
TOTAL						
GRAND TOTAL						

* End of File *

CAR-IN STOCK REPORT

BRANCH : xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

DATE : DD/MM/YY

SELLER ACC.NO.	SELLER NAME	CAR REC.NO.	CAR REG.NO	BRAND	CAR-IN DATE	REMARK
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
9999999999	xxxxxxxxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxxxxxx	DD/MM/YY	
TOTAL		999				
GRAND TOTAL		999				

* End of File *

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DAILY PAYMENT REPORT

BRANCH : xxcxxxxxxxxxxxxxxxxxxxxxxxxxxx

SALE DATE : dd/mm/yy

BUYER ACC NO	NAME	CAR REG NO	BRAND	CHARGE	10%	90%
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL	XXXXXXXXXXXXXXXXXXX	999	XXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL		999		99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL	XXXXXXXXXXXXXXXXXXX	999		99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL		999		99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL	XXXXXXXXXXXXXXXXXXX	999	XXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL		999		99,999,999	99,999,999	99,999,999
9999999999	XXXXXXXXXXXXXXXXXXXXXXXXX	9X-9999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
TOTAL	XXXXXXXXXXXXXXXXXXX	999	XXXXXXXXXXXXXXXXXXXXXXXXX	99,999,999	99,999,999	99,999,999
GRAND TOTAL		999		99,999,999	99,999,999	99,999,999

* End of File *

106

Daily Car Sale Report By Supplier (Seller Part)

Branch : xxxxxxxxxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxxxx

Sale Date : dd/mm/yy

Code	Supplier name					
	Seller Name	Car Reg No	Car Reg No	Brand	Yr Bid	Price
	Seller Acc no					
999	xxxxxxxxxxxxxxx					
	xxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxx	99	99,999,999.99
	9999999999					
	Total	999				99,999,999.99
999	xxxxxxxxxxxxxxx					
	xxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxx	99	99,999,999.99
	9999999999					
	Total	999				99,999,999.99
999	xxxxxxxxxxxxxxx					
	xxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxx	99	99,999,999.99
	9999999999					
	Total	999				99,999,999.99
999	xxxxxxxxxxxxxxx					
	xxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxx	99	99,999,999.99
	9999999999					
	Total	999				99,999,999.99
	Grand Total	999				99,999,999.99

* End of File *

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Daily Car Sale Report By Supplier (Buyer Part)

Branch : xxxxxxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxxx

Sale Date : dd/mm/yy

Code	Supplier name	Buyer Acc no	Buyer Name	Car Reo No	Car Reg No	Brand	Yr Bld	Price
999	xxxxxxxxxxxxxxxxxxx							
		9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxx	99	99,999,999.99
999			Total	999				99,999,999.99
	xxxxxxxxxxxxxxxxxxx	9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxx	99	99,999,999.99
999			Total	999				99,999,999.99
	xxxxxxxxxxxxxxxxxxx	9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxx	99	99,999,999.99
999			Total	999				99,999,999.99
	xxxxxxxxxxxxxxxxxxx	9999999999	xxxxxxxxxxxxxxxxx	999 99999	9X-9999	xxxxxxxxxxxxxxx	99	99,999,999.99
			Total	999				99,999,999.99
			Grand Total	999				99,999,999.99

* End of File *

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Seller History Report

Branch : xxxxxxxxxxxxxxxxxxxxx

Seller Acc no	Age	Name	Nationality	Tax ID	Address	ID Card	Issued By	Issued Date	Telephone	App.Date
9999999999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy
9999999999	999	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	dd/mm/yy	999-9999,01-999-9999	dd/mm/yy

* End of File *

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Buyer History Report

Branch : xxxxxxxxxxxxxxxxxxxxx

Buyer Acc no	Name		Address			Telephone	
	Age	Nationality	Tax ID	ID Card	Issued By	Issued Date	App.Date
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxxxx	xxxxxxxxxxxxxxx	xxxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy
9999999999	xxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx	999-9999,01-999-9999	
	999	xxxxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx	dd/mm/yy	dd/mm/yy

* End of File *

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9.9.9

DAILY CAR-IN REPORT

DATE dd/mm/yy

BRANCH : xxcxxxxxxxxxxxxxxxxxxxxxxxxxxxx

CAR-IN DATE : DD/MM/YY

SELLER ACC NO	NAME	CAR REC NO	CAR REG NO	BRAND	YR	DATE RECEIVE	REMARK
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
9999999999	xxxxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
TOTAL		999					
GRAND TOTAL		999					

* End of File *

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DAILY CAR-OUT REPORT

BRANCH : xxcxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

SEND DATE : dd/mm/yy

SELLER NAME	BUYER NAME	CAR REC NO	CAR REG NO	BRAND	YR	DATE SEND	REMARK
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
xxxxxxxxxxxxxxxxxxxx		999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	
	xxxxxxxxxxxxxxxxxxx	9999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	

TOTAL   999

* END OF FILE *

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CAR-IN REPORT BY CAR REC NO

BRANCH : xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

CAR-IN DATE : DD/MM/YY

CAR REC NO	CAR REG NO	BRAND	YR	DATE RECEIVE	SELLER ACC NO	NAME	REMARK
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	
999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxxx	99	dd/mm/yy	9999999999	xxxxxxxxxxxxxxxxxxxx	

* End of File *

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9.9.9

Seller-Buyer Report

Branch : xxxxxxxxxxxxxxxxx

Sale Type : xxxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxx

Sale Date : dd/mm/yy

Seq.	Seller Name	Buyer Name	Car Reg no	Car Reg No	Brand	Release Date	Signature	Authorize
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....
9	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	dd/mm/yy	....	....

* End of File *

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9.9.9

Daily Car Sale Report by Sale Sequence

Branch : xxxxxxxxxxxxxxx   Sale Type : xxxxxxxxxxxxxxx

Vehicle Type : xxxxxxxxxxxx   Sale Date : dd/mm/yy

Seq.	Seller Name	Car Reg no	Car Reg No	Brand	Start Price	Bid Price	Remark
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	
9	xxxxxxxxxxxxxxxxxxxxxxxx	999 99999	9x-9999	xxxxxxxxxxxxxxxxxxxx	99,999,999,999.99	99,999,999,999.99	

* End of File *

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