

Practical Development of Information System in Business Context:
Half-scaled E-Commerce for Royal Teaks Company

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Submitted in Partial Fulfillment
of the Course BIS 4995 Information Systems Development
Bachelor's Degree of Business Administration
in Business Information Systems Program
Assumption University

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Project Name: Practical Internship ...[Half-scaled E-commerce for Royal Teak]

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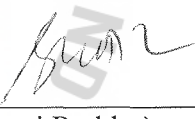
Advisor: A.Patamate Darnphitsanupan

The Department of Business Computer, ABAC School of Management has approved the aforementioned student's BC 4500 280-Hour Training Project, which includes complete documentation and program as a partial fulfillment of the requirements for the Bachelor's Degree of Business Administration in Business Computer

Advisory Committee:



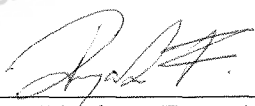
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Acknowledgement

PHP is the new language for the web developer that is efficient and effective language. Moreover, it is compiled all the good features of the CGI languages altogether in itself, this causes PHP to be more popular. Another good thing, PHP is the freeware but very powerful especially the ability of contact with many database language but for this project I used PHP to retrieve the database from MYSQL which is also the freeware that is powerful.

Since PHP is the Open Source Code, web developer can download the source code to develop the project without the risk of violating the Intellectual Property or the rights before getting the source code. In my opinion, PHP is counted as one of the best solution for saving the cost of the SME and web developer because the problems of violate the Intellectual Property may causes to both programmer must to pay for the charge.

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I. INTRODUCTION

1.1 Background of the Organization

Royal Teak limited was established in 1960. Over the 40 years of experience of teak and rosewood furniture industry make us the leader of Chinese furniture manufacturer.

At Royal Teak, quality, price, and services are enforced in every process. The skillful and experienced craft men are pleased to deliver the finest masterpiece of furniture under the most restricted control in every step of making.

At Royal Teak, Thailand based manufacturer, exporter, the retailer of rosewood, teakwood and Chinese antique and objects from China. The mission is to create the superior, quality, design, and being selective in sourcing the best for customers.



Organization Chart

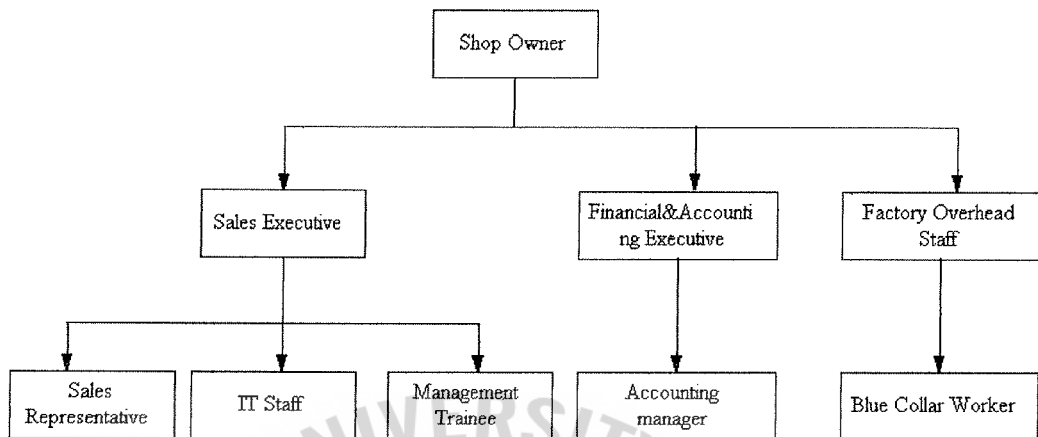


Figure 1-1 Organization Chart

Department chart

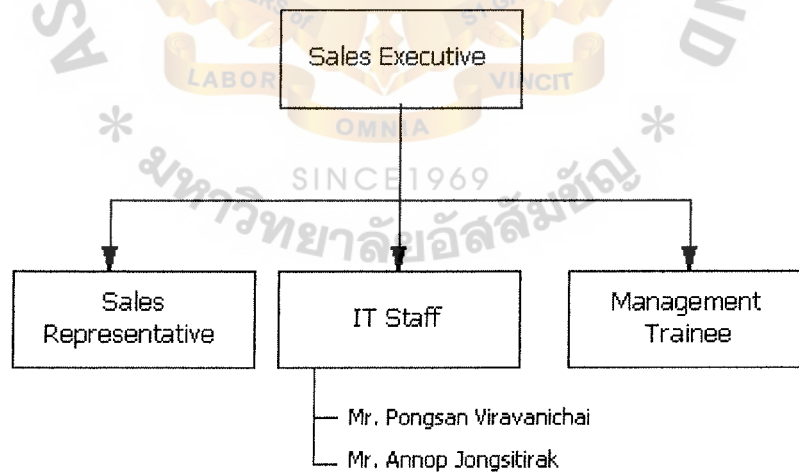


Figure 1-2 Department chart

1.2 Objectives of the system

The purposes of the project are:

- To open a new way to gain the revenue from the customer
- To open the new way of communication to the customer dealing together in at once 24 hours a day or any time that the customer need to order.
- To save time and cost of communication between the foreign customer and company
- To increase the reputation of the company to other foreign country.

1.3 Scope of the project

The scope of the project composes of the following modules:

- **Shopping Cart Module:** This module is for the customer to select the product into the shopping cart. Customer would realize the amount of products now he is ordering to the company and the value.
- **Login Module:** This module is for the customer to login to the system. Customer must to apply for a member first then he would get the password for login to the system next time. If the customer already got the username and password, he can login to the system and the session would be recorded if username and password were correct. For the customer who forgets his password, he can select the question that he ever selected since he applied for a membership and put the answer into the answer field.
- **View product information module:** This module is for displaying the product and product information. Customer can select each product to see each product's information. Customer can view next product information by clicking the next button in the page “**viewproduct_detail.php**”

- **Mail module:** Customer can contact to the company directly by the message will be sent to the network administrator's email box.
- **Searching Module:** This module is for searching products that customer wants to search. This module search will retrieve the product that has the similar characters from the database and display to the customer.
- **Admin Part:** This part is for network administrator who arranges the product data and management reports. It composes of
 - **Admin login module:** This module is for the administrator to login to the system. There are functions to check the authentication user, change password.
 - **Delete product.** This module is for delete the product from the database. Admin can delete many products those he love to in the same time by check the checkbox in front of the list.
 - **Insert Product.** This module is for inserting data into the database. Admin can insert only one product once a time.
 - **Edit product:** This module is for editing the product in the database. Admin can select the product name in the list and can insert the new data instead of the old one.
- **Sales Report:** This part creates the report by query the data from the product, orders, and order_items table to generate sales report.
- **Customer Histories Sales report:** This part creates the report by query data from the customer, order_items, orders, and product table to generate the report history of each customer.

1.4 Project Plan

Project plan is the schedule of work plan for doing each activity along the project.

See figure 1.3.



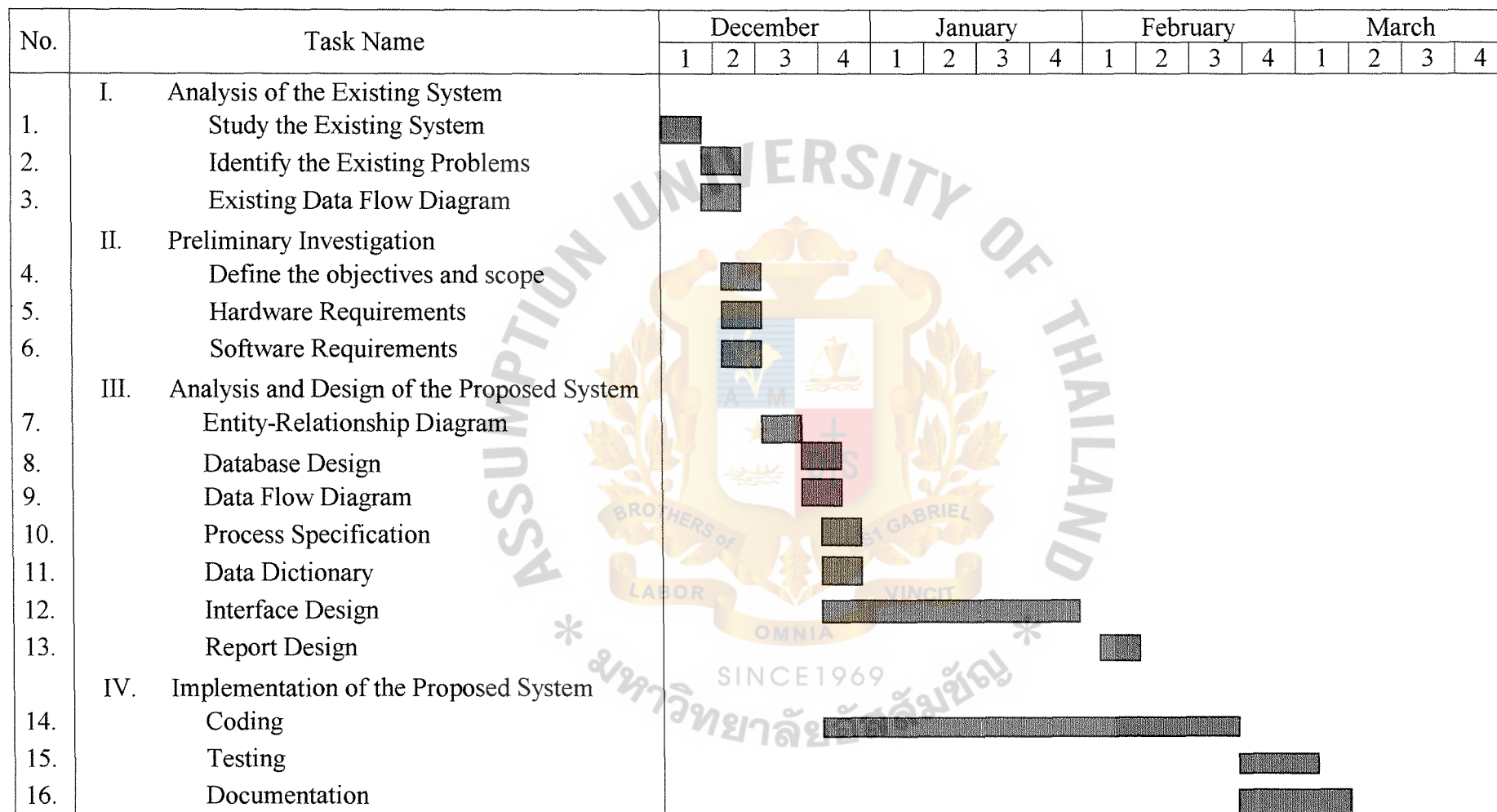


Figure 1-3 Project Plan for Half-scaled e-commerce of Royal Teaks Company

II. The Existing System

2.1 Background of Existing System

The company sells the products directly at the shop. After receiving the order, the sales representatives will check the availability of the product in the warehouse. If it is available, the transaction begins unless the sales would be cancelled. The products are sold both in cash or credits depending on the customers. The transportation fee for product delivery services varies depending on the distances of the places where the product is delivered to.

For the custom made product, accounting manager will calculate the cost of the total cost. After manager accepted the order, the down payment would be paid at least 25% of the total price and sales manager will call to the factory overhead staff to make the product and sales manager will keep the sell record into the selling master file.

After product was sold, the accounting manager would print out the receipt for 2 copies. First copy is kept in the accounting department to make the journal entry recorded. The 2nd copy is submitted to the customer or to the shipping company in the case of foreign customer purchased.

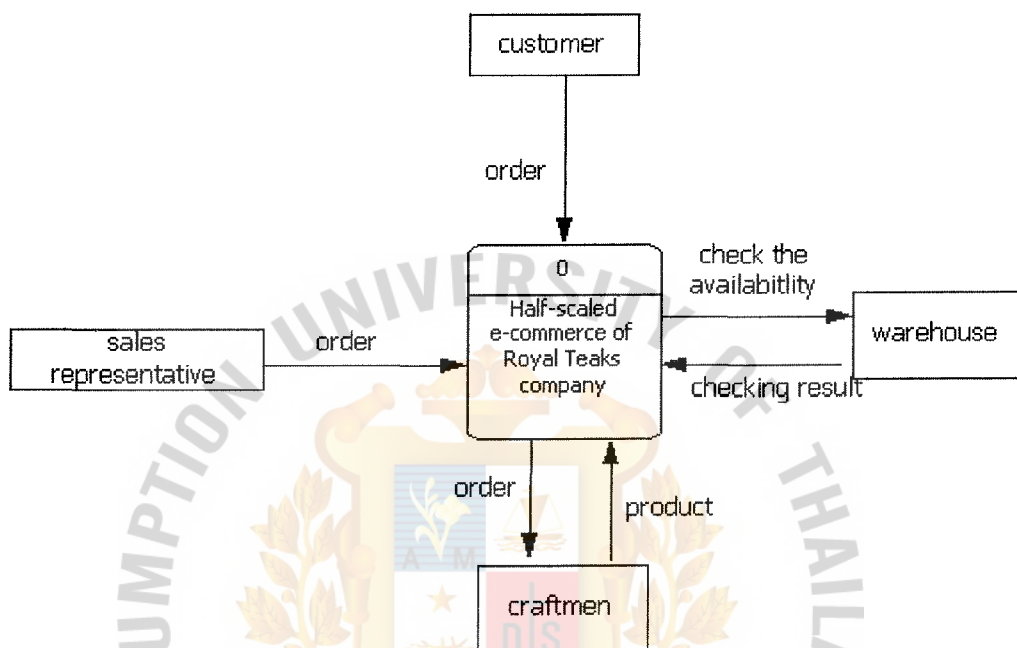


Figure 2-1 Context Diagram of Existing System

2.2 Problem Definition

1. The company wants to penetrate to the international competition since the purchasing rate of Thai wooded furniture has rapidly growth and very popular in the foreign market but the company has not the medium that reduces communication cost of consumer.
2. Sales executive wants to see customer can mail the notes about the services or comments about the products directly to the company.
3. Sales executive wants to know how many members are there who are applying for the e-commerce system to make the future plan in the foreign market.



III. THE PROPOSED SYSTEM

3.1 System Specification

- Hardware Requirements**

Table 3-1 Hardware Requirements for Client

HAREWARE	SPECIFICATION
CPU	Pentium II 350 or Higher
RAM	64 MB
Hard disk	N/A

Since the Internet Explorer version 5.5 is required the hardware that is better than Intel Pentium II Processor 350 mHz with the main memory (RAM) for 64 MB or the equivalent Processor to operate the program.

Table 3-2 Hardware Requirements for server

HAREWARE	SPECIFICATION
CPU	Pentium III 850 or Higher
RAM	512 MB
Hard disk	N/A

Since the Linux Redhat version 7.2 is required the hardware that is better than Intel Pentium II Processor 850 mHz with the main memory (RAM) for 512 MB or the equivalent Processor to operate the program.

- **Software Requirements**

Table 3-3 Software Requirements for client

SFTWARE	SPECIFICATION
INTERNET EXPLORER	Version 5.5 or later

Since the program Internet Explorer is the default browser which is the most popular and most of the java script in this project are supported with the java library in this browser.

Table 3-4 Software Requirements for server

SFTWARE	SPECIFICATION
OPERATING SYSTEM	LINUX REDHAT 7.2 WITH PHP 4.0 (OR LATER) WITHIN THE PACKAGE
WEBSERVER SERVICE	APACHE SERVER
DATABASE	MYSQL

Linux Redhat is the most popular operating system that is used to operate as the server by setting the Apache server program to run as the Web server and using the program MYSQL to operate the database system.

3.2 System Design

(1) Data Flow Diagram

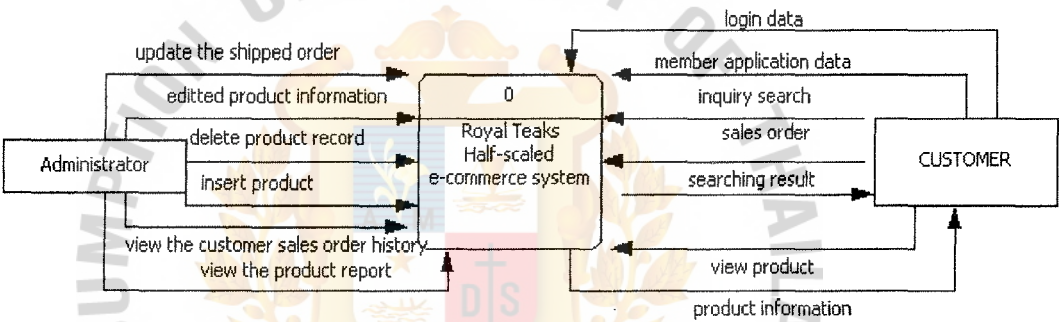


Figure 3.1 Context Diagram

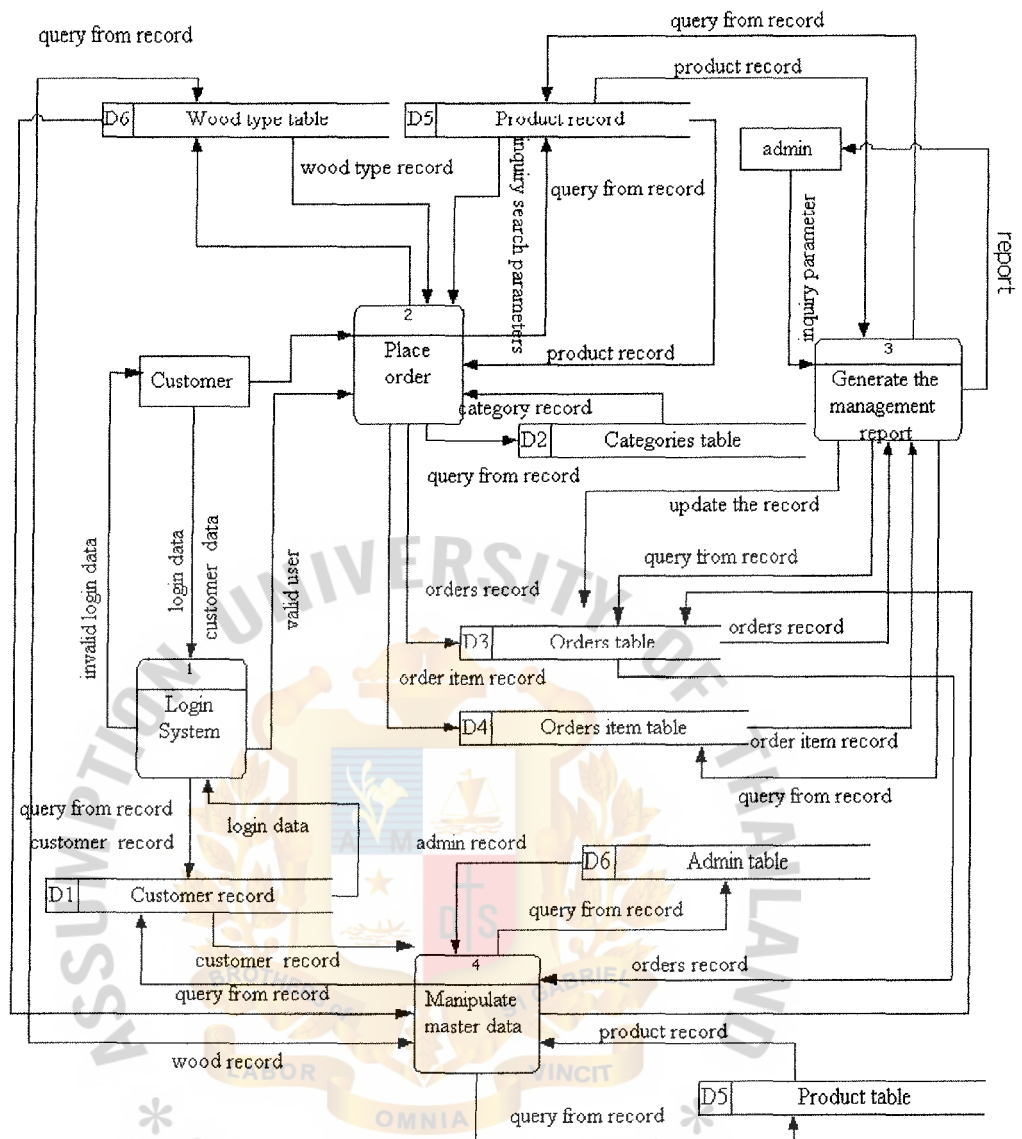


Figure 3.2 Level 0 Diagram

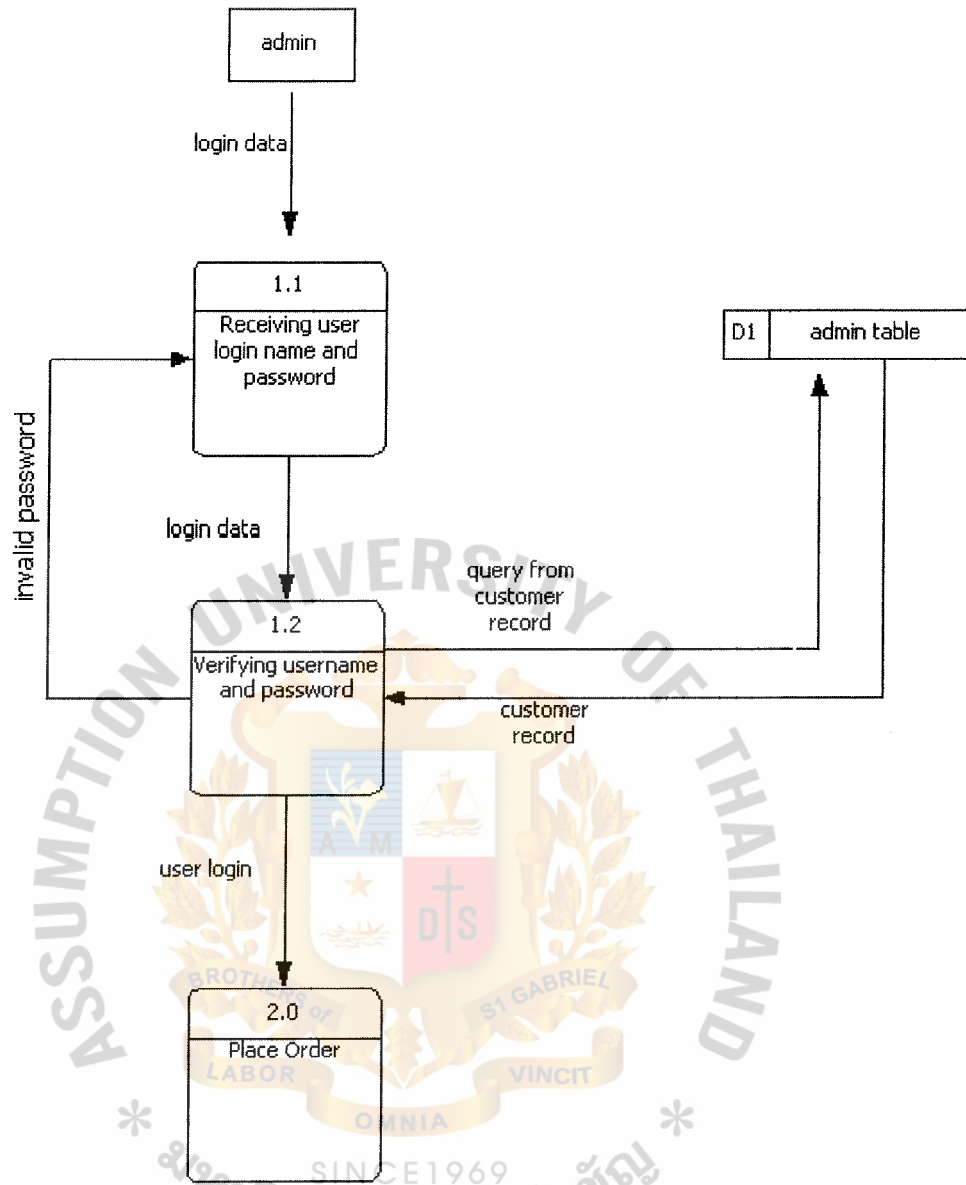


Figure 3.3 Level 1 of process1

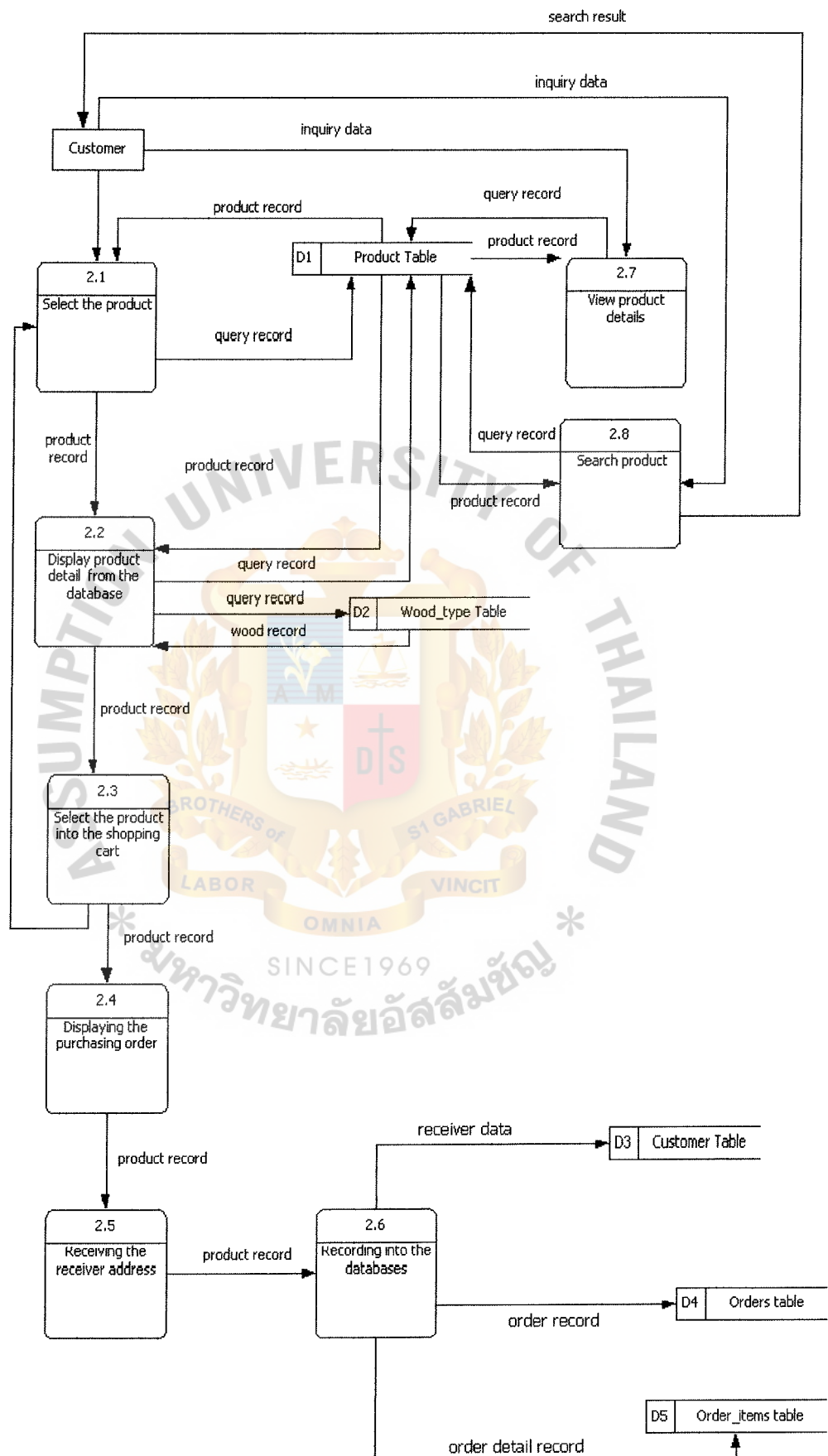


Figure 3.4 Level 1 of process2

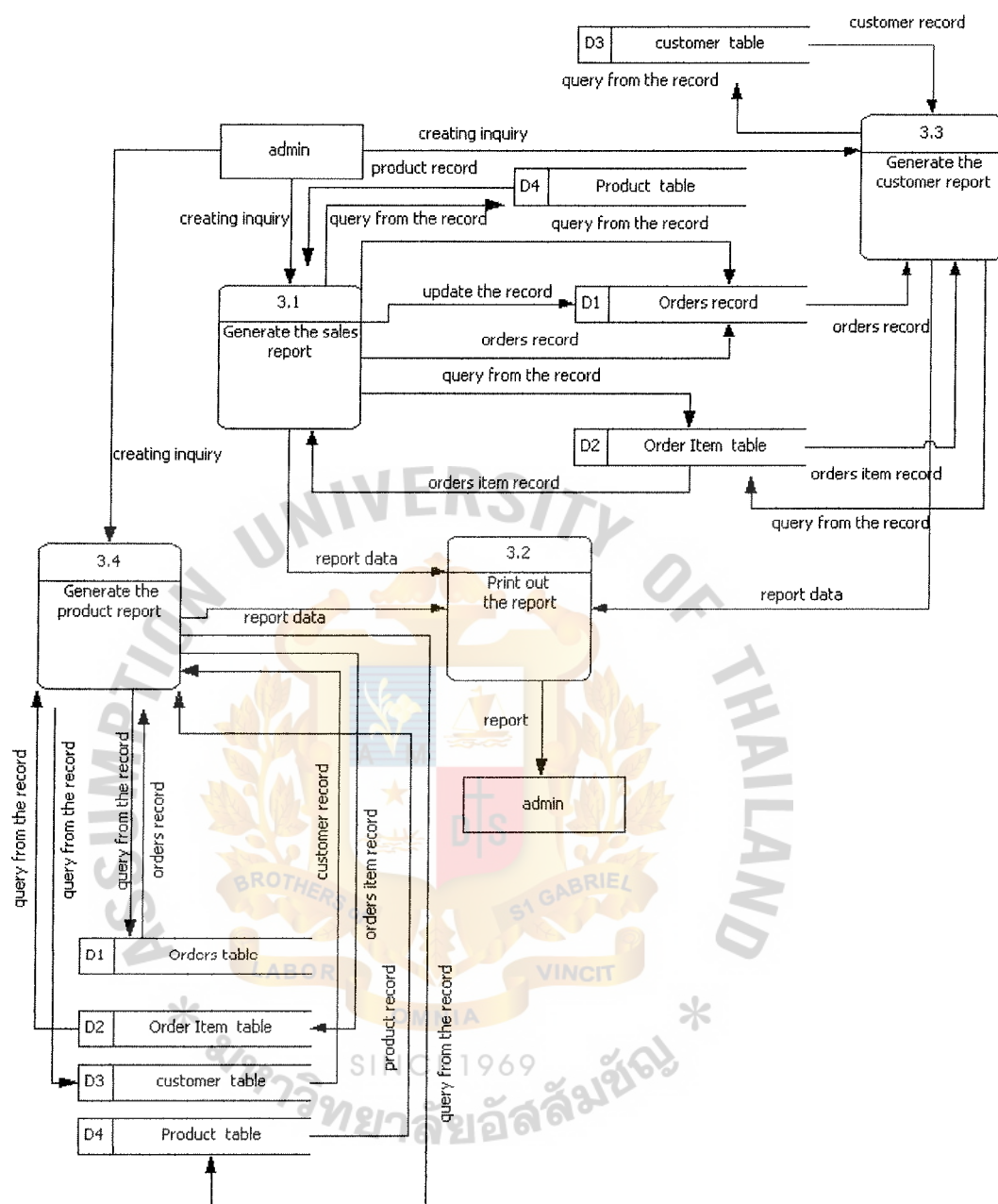


Figure 3.5 Level 1 of process 3

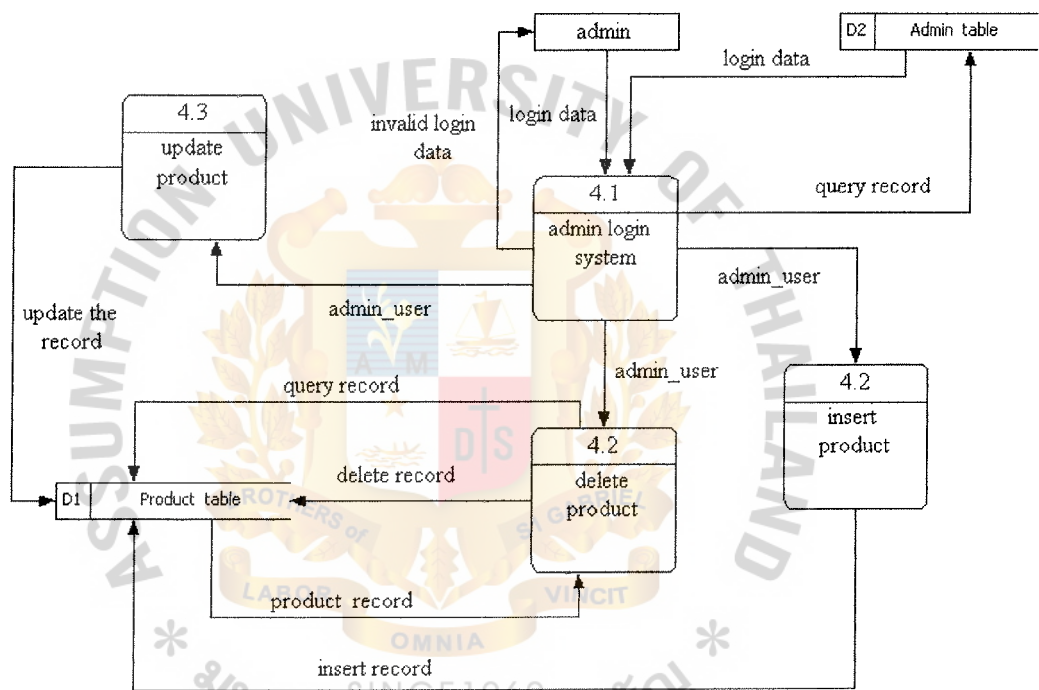


Figure 3.6 Level 1 of process 4

(2) Entity-Relationship Diagram

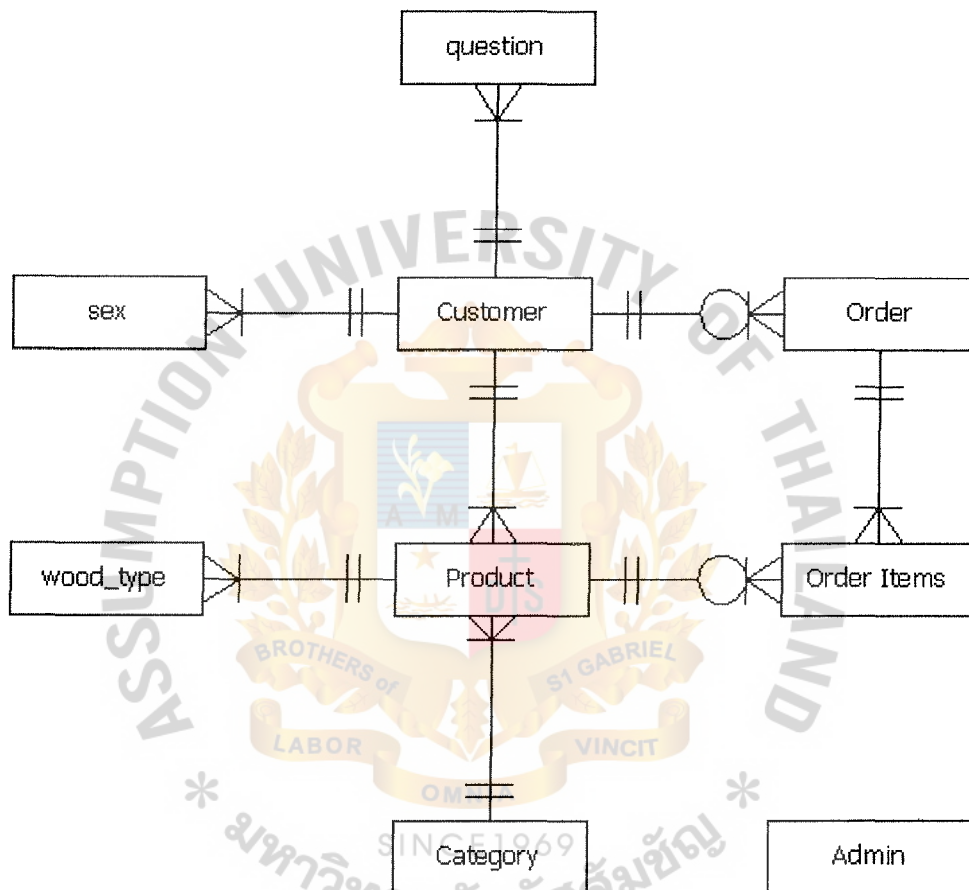


Figure 3-7 Entity-Relationship Diagram

(3) Database Design

There are 8 tables in the “Royal” database those are:

- 1) Admin Table: This table contains the data of admin for login to the system.
- 2) Categories Table: This table contains the data of product categories.
- 3) Product Table: This table contains the data of the product.
- 4) Orders Table: This table contains the data of the order and the receiver's data.
- 5) Order_items Table: This table contains of the information of the order and product.
- 6) Customer Table: This table contains the information of the customer.
- 7) Question Table: This table contains the information of the question that customer must select when he applies for the member.
- 8) Wood_type: This table contains the information of the wood_type of products. Wood_id is the primary key.

(4) Process Specification

Table 3-5 Process specification for Process 1.0

Process Name:	Login system
Data In:	(1) Login data (2) Customer data
Data Out:	(1) Query from the database (2) Valid user (3) Invalid login data
Process:	(1) Get the customer data and assign new customer id (2) Get necessary customer data and check whether customer already exist in the database (3) Get username and password and check the authorization (4) Receiving the new data
Attachment:	(1) Customer (2) Data Store D1 (3) Process 2.0

Table 3-6 Process specification for Process 1.1

Process Name:	Receiving user login name and password
Data In:	(1) Login data (2) Invalid password
Data Out:	(1) Login data
Process:	(1) Receiving user login name and password from the login form
Attachment:	(1) Customer (2) Process 1.2

Table 3-7 Process specification for Process 1.2

Process Name:	Verifying username and password
Data In:	(1) Login data
Data Out:	(1) User login (2) Invalid password
Process:	(1) Verify user login name and password from the login form
Attachment:	(1) Data Store D1 (2) Process 1.2

Table 3-8 Process specification for Process 2.0

Process Name:	Place Order
Data In:	<ul style="list-style-type: none"> (1) Query data from the record (2) Receiver details (3) Wood type record (4) Inquiry sales parameter (5) Product record (6) Categories record
Data Out:	<ul style="list-style-type: none"> (1) Query from the record (2) Order record (3) Order items record
Process:	<ul style="list-style-type: none"> (1) Check the valid username and set the header shop cart as the name of the valid user (2) Calculate the price and items of order product (3) Insert the order data into the orders and order_items tables (4) Search the product from the search form (5) Display product information
Attachment:	<ul style="list-style-type: none"> (1) Data Store D2 (2) Data Store D3 (3) Data Store D4 (4) Data Store D5 (5) Data Store D6 (6) Customer

	(7) Process1.0
--	----------------

Table 3-9 Process specification for Process 2.1

Process Name:	Select the product
Data In:	(1) Product record
Data Out:	(1) Query record (2) Product record
Process:	(1) Receiving the selected click product
Attachment:	(1) Data Store D1 (2) Process 2.2

Table 3-10 Process specification for Process 2.2

Process Name:	Display product detail from the database
Data In:	(1) Product data (2) Wood data
Data Out:	(1) Query data (2) Product data
Process:	(1) Displaying the details of the product
Attachment:	(1) Data Store D1 (2) Data Store D2 (3) Process 2.3

Table 3-11 Process specification for Process 2.3

Process Name:	Select the product into the shopping cart
Data In:	(1) Product data (2) Wood data
Data Out:	(1) Product data (2) Wood data
Process:	(1) Insert the product into the shopping cart by counting the product id into the cart session
Attachment:	(1) Process 2.4

Table 3-12 Process specification for Process 2.4

Process Name:	Display the purchasing order
Data In:	(1) Product data
Data Out:	(1) Product data
Process:	(1) Display the sales order with the price and the sale amounts
Attachment:	(1) Process 2.5

Table 3-13 Process specification for Process 2.5

Process Name:	Receiving the receiver address
Data In:	(1) Product data (2) Receiver data
Data Out:	(1) Product data (2) Receiver data
Process:	(1) Display the sales order with the price and the sale amounts as the reconfirmation (2) Receiving the receiver address
Attachment:	(1) Process 2.6

Table 3-14 Process specification for Process 2.6

Process Name:	Recording into the database
Data In:	(1) Product data (2) Receiver data
Data Out:	(1) Order data (2) Receiver data (3) Order items data
Process:	(1) Display the sales order with the price and the sale amounts (2) Display the company trading terms and conditions
Attachment:	(1) Data Store D4 (2) Data Store D5 (3) Data Store D6

Table 3-15 Process specification for Process 2.7

Process Name:	View product details
Data In:	(1) Inquiry data (2) Product record
Data Out:	(1) query record
Process:	(1) Display the product details (2) Customer can view the next product details by clicking the next button
Attachment:	(1) Data Store D1 (2) Customer

Table 3-16 Process specification for Process 2.8

Process Name:	Searching the data
Data In:	(1) Inquiry search parameter (2) Search result
Data Out:	(1) Query from the database
Process:	(1) Searching for the product result
Attachment:	(1) Data Store D1 (2) Customer

Table 3-17 Process specification for Process 3.0

Process Name:	Generate management report
Data In:	(1) Inquiry parameter (2) Product record (3) Order record (4) Order items record
Data Out:	(1) Query data from the record
Process:	(1) Display the product report (2) Display the sales report (3) Display the customer report
Attachment:	(1) Data Store D3 (2) Data Store D4 (3) Data Store D5 (4) Admin

Table 3-18 Process specification for Process 3.1

Process Name:	Generate the sales report
Data In:	(1) Inquiry parameter
Data Out:	(1) Report data (2) Update the record
Process:	(1) Get the product data, order data, order detail data from the record
Attachment:	(1) Data Store D1 (2) Data Store D2 (3) Admin (4) Process 3.2

Table 3-19 Process specification for Process 3.2

Process Name:	Print the report
Data In:	(1) Report data
Data Out:	(1) Report
Process:	(1) Print out the report
Attachment:	(1) Admin (2) Process 3.1

Table 3-20 Process specification for Process 3.3

Process Name:	Generate the customer report
Data In:	(1) Inquiry parameter (2) Product record (3) Order record (4) Order item record
Data Out:	(1) Query from the record (2) Report data
Process:	(1) Query the data from the records (2) Compile all data to be the customer report
Attachment:	(1) Data Store D1 (2) Data Store D2 (3) Data Store D3 (4) Data Store D4 (5) Admin

Table 3-21 Process specification for Process 3.4

Process Name:	Generate the product report
Data In:	(1) Inquiry parameter (2) Product record (3) Order record (4) Order item record
Data Out:	(1) Query from the record (2) Report data
Process:	(1) Receiving the searching inquiry
Attachment:	(1) Data Store D1 (2) Data Store D2 (3) Data Store D3 (4) Data Store D4 (5) Admin

(5) Data Dictionary

Table 3-22 Data Dictionary of Order Processing System Database

Field Name	Meaning
Admin	The person who arranges the product data and update the sales order
Admin record	The data gotten from queried from the admin table in the process of the user authentication.
Admin user	If the verification result is correct after program already verified username and password from admin form, the username will be kept in the session as the admin user.
Categories record	The data gotten from queries data from the categories table
Creating inquiry report	The selection of reports which admin can select to view composing of customer order report, product report, and sales order report.
Customer	The person who is the member of the shop.
Customer data	The customer information that gotten from the membership form
Customer record	The customer details gotten from queries data from the customer table.
Customer profiles	The data from the new customer who applies for a member.

Delete product	The activities that the admin does to delete product from the database.
Inquiry parameter	The data that the customer key into the search field to searching for the product.
Inquiry search parameter	The searching word that customer wants to search
Insert Product	The activity that the insert product module insert the data into the database
Invalid login data	The result of the user authentication module after verifying the username and password and they doesn't exist.
Invalid data	The result of checking the user login and password
Login data	The login input from the customer composing of the username and password.
Login record	Username and password that is query from the database
Orders record	The order data that are queried from the database The order items data that are queried from the database
Order item record	The product data that are queried from the database
Product record	The product data that are queried from the database

Query from the record	The process of the program that retrieves data from the database.
Receiver Details	The profile of the product receiver
Report data	The sales order report data displayed on the screen that is ready to be printed out from the printer.
Report	The printed information of the report data.
Sales order	The order of the customer
Report Search result	The result after query the searching data from the databases
Update the flag	After admin checked mark to the check box to any order that had already shipped to the customers, the flag data would be updated to the database.
Update record	The process of updating the product data into the product table.
Valid user	After the customer login name and password are already verified and the result is correct. The username will be kept in the session as the valid user.

Wood type Record	Wood ID + wood name queried from the database.
------------------	--



(6) Interface Design

The interface design composes of:

1. Customer Login form is the login page for the customer. There are 2 forms those are in the index page and in the login page for the customer who wants to order the product (See Figure. B-5 and B-6).
2. Change password form for admin is the page that is for admin changing his password for the admin. (See Figure. B-35).
3. Change password form is the page that customer can change his new password to login to the system. (See Figure. B-22).
4. Customer details is the page that shows the customer detail and sales history. (See Figure. B-40).
5. Customer report is the page that shows the customer name and the total number of the members. (See Figure. B-39).
6. Edit category form is the form for admin to edit the product in the database. (See Figure. B-32).
7. Footer part composes of the link for downloading the picture of the company brochure. (See Figure. B-2 and B-3).
8. Forget password form is the page that is for customer who forgot the password it composes of the username field, question, and answer field. (See Figure. B-23 and B-24).
9. Header composes of the header that shows the logo of the company and links in the part. (See Figure. B-1).
10. Shopping Cart part composes of the part that displays the shopper name, the total amount and price (See Figure. B-7). Customer can select the product and pick up the product into the cart (See Figure. B-8). Customer can select

the amount of product into the cart (See Figure. B-9). Until the customer wants to finish order the product, the customer record would be displayed to the customer on the page of the receiver form (See Figure. B-10). The order data would be displayed again. (See Figure. B-11).

11. Registration Part composes of the registration form (See Figure. B-12). After customer already filled his data, the data would be displayed again to reconfirmation before recording into the database (See Figure. B-13). After customer becomes a member, the member page would be displayed to show the current campaign of the company.
12. Search form is the form that customer can search the product names those are exist in this site (See Figure. B-16). After customer submits the form, the search result would be displayed (See Figure. B-17).
13. Customer mail form is the form that customer can directly send his/her comments to the administrator's email. (See Figure. B-26)
14. Admin login form is the form that is for the admin login to the system (See Figure. B-28).
15. Edit product form is the form that admin selected to edit by putting the new data into the database (See Figure. B-32).
16. Edit category form is the form that admin insert the new category data into the database (See Figure. B-30).
17. Add product form is the form that admin uses to insert the new product items into the database (See Figure. B-34).

(7) Report design

There are 2 reports those are for the administrator:

- Customer report-The purpose of this report is for checking the total members of the site, the member's name surname address and his sales order history.
The report contains the content of customer name, surname, address, telephone, zip, district, province, sales history, purchasing date, ordered items. (See Figure C-3 and C-4)
- Sales order report-The purpose of this report is to display the sales order, the amount of purchase, customer address, the total value of the order. The report that contains the content of customer name, surname, address, telephone, zip, district, province, purchasing date, ordered items, amount of purchase, and values of each order. (See Figure C-1 and C-2)
- Product report-The purpose of this report is to display the existing amount of the product in the system. The report contains the content of the number of the product posted on the site and the product information details of each product. (See Figure C-5 and C-6)

IV. SYSTEM IMPLEMENTATION

4.1 Overview of the System Implementation

The system was implemented by using 2 approaches:

1. **Black box testing** is the method that tests each function and module by using 2 method of testing:
 1. Statistical testing- is used to test the program's performance and reliability by validating all function and all modules.
 2. Defect testing- is used to find out the areas where the program does not conform to its specification.
 3. Interface testing- is used to find out the link of the content for each button link.
2. **White box testing** is the method to verify the structure of the program by checking out the algorithm and the flow of data in each module.

4.2 Test Plan

First, system was implemented by using the black box testing by checking the errors in each module by using the defect testing approach, interface testing, and Statistical testing, random insert the error data to each form to test the data mismatch.

Then, after I found out the error, the white-box testing was applied by checking the flow of data and the wrong algorithm of the program, checking out the error in the code.

V. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

This system is used as the half-scaled e-commerce that is generally used by 2 users those are:

- 1) Customer can view, order product, directly mail to the administrator's mailbox.
- 2) Admin can insert, delete, edit the products in the web content and generate the sales report and customer report.

5.2 Recommendation

The add-on functions in the future should have the mailing list, online-statistic module, forum of the site.



APPENDIX A
DATABASE DESIGN

Table A-1 Customer Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Cus_id	Int(20)	Y	Y	N		PK	
2	S_id	Tinyint(4)		Y	N		FK	Sex
3	Name	Varchar (30)			N			
4	Surname	Varchar (50)			N			
5	Address	Varchar (100)			N			
6	Tel	Varchar(10)			N			
7	District	Varchar(25)			N	10		
8	State	Varchar(20)			Y			
9	Province	Varchar(25)			N			
10	Zip	Varchar(10)			N			
11	Country	Varchar(30)			N			
12	Username	Varchar(10)	Y	Y	N			
13	Password	Varchar(16)			N			
14	Email	Varchar(50)			N			
15	Q_id	Tinyint(2)			N		FK	Question
16	Answer	Varchar(50)			N			

Table A-2 Order Items Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Order_ID	int (10)	Y	Y	N		PK	
2	Pro_ID	Varchar(20)	Y		N		FK	Product
3	Price	Float(12,2)			N	#,###,###,###,###,###.00		
4	Quantity	int (10)			N			

Table A-3 Admin Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Username	Varchar(10)	Y	Y	N	10	PK	
2	Password	Varchar(16)	Y			16		

Table A-4 wood_type Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Wood_id	Varchar(10)	Y	Y	N		PK	
2	Wood_name	Varchar(20)	Y	Y	N			

Table A-5 Order Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Order_ID	char (10)	Y	Y	N		PK	
2	Cus_ID	Int(20)	Y		N		FK	Customer
3	Amount	Float(6,2)	Y		N			
4	Date	Date			N	DD-MMM-YY		
5	Ship_name	Varchar (20)			N			
6	Ship_surname	Varchar (35)			N			
7	Ship_address	Varchar (150)			N			
8	Ship_district	Varchar (30)			N			
9	Ship_province	Varchar (50)			N			
10	Ship_zip	Int (10)			N			
11	Ship_country	Varchar (30)			N			
12	Ship_tel	Varchar (10)			N			
13	flag	Tinyint(2)			N			

Table A-6 Categories Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Cat_id	Int(5)	Y	Y	N		PK	
2	Cat_name	Varchar(40)	Y	Y	N			

Table A-7 Product Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	Pro_ID	Varchar(20)	Y	Y	N		PK	
2	Pro_name	Varchar(50)	Y	Y	N			
3	Cat_ID	Tinyint(3)	Y	Y	N		FK	Categories
4	Price	Float(9,2)			N			
5	Description	Text			N			
6	Pircture	Varchar (150)			N			
7	Wood_ID	Varchar (10)		Y	N		FK	Wood_type
8	Size	Varchar (15)			N			
9	Color	Varchar (20)			N			

Table A-8 Sex Table

No	Field Name	Field Type	Index	Unique	Nullable	Validity Check	Key	FK Referenced Table
1	S_id	Tinyint(4)		Y	N		PK	
2	Sex	Varchar(20)		Y	N			



APPENDIX B
INTERFACE DESIGN

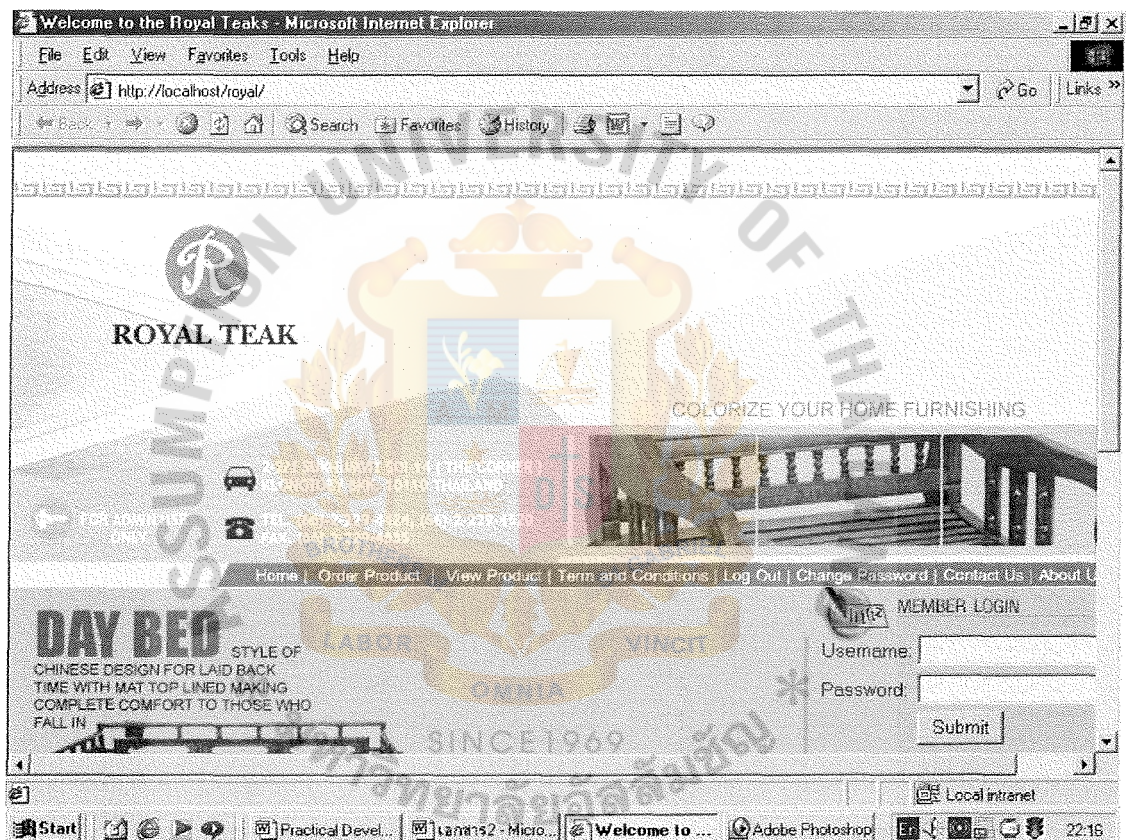
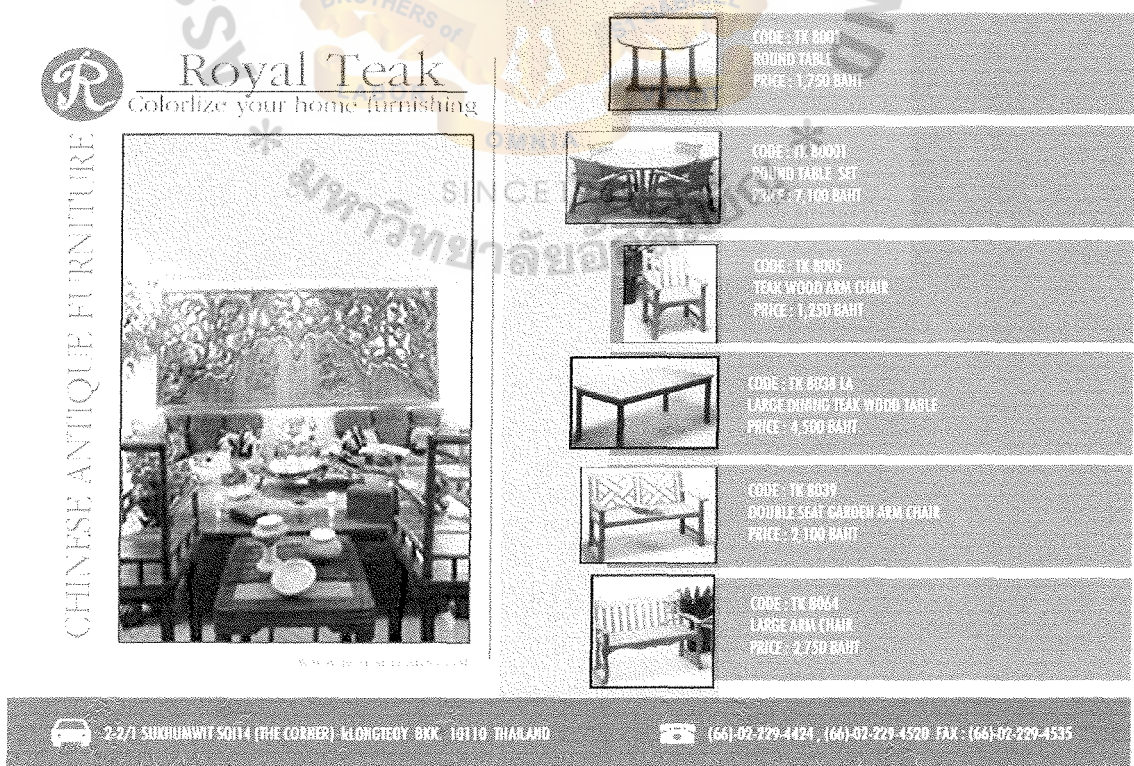
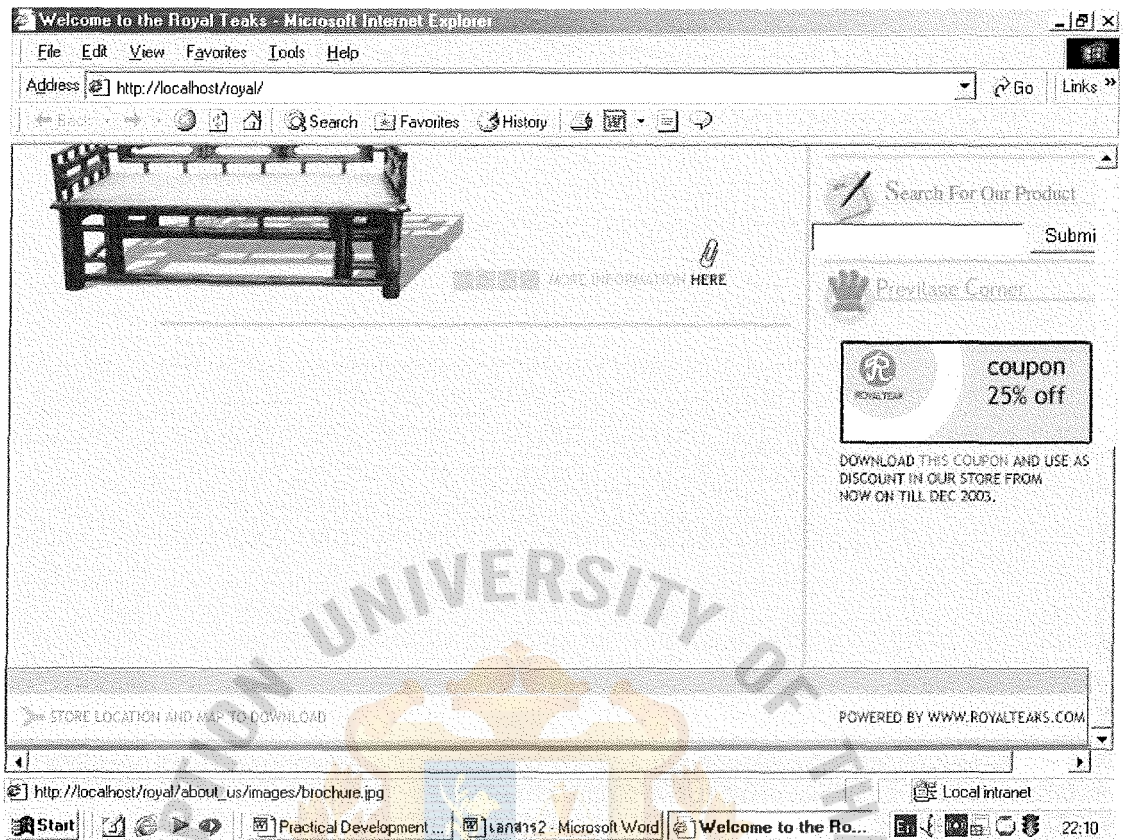


Figure B-1 Header Part



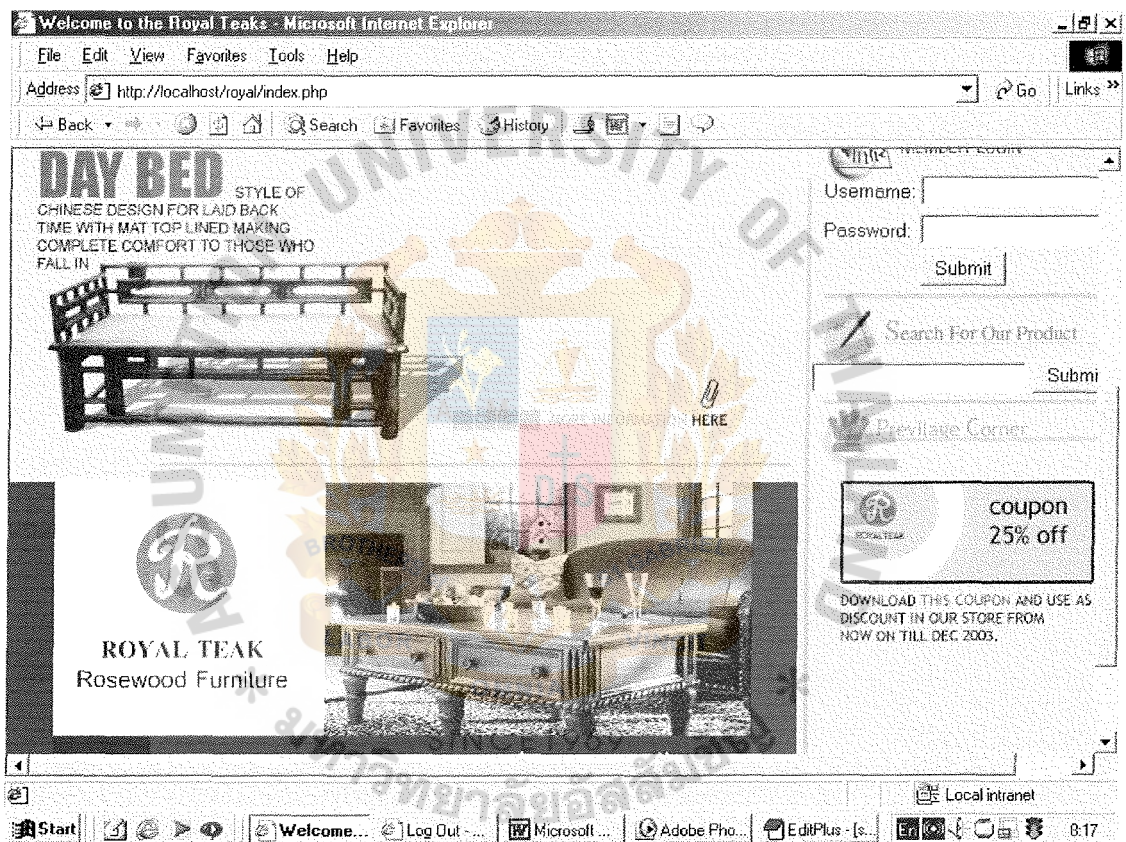


Figure B-4 Index Page

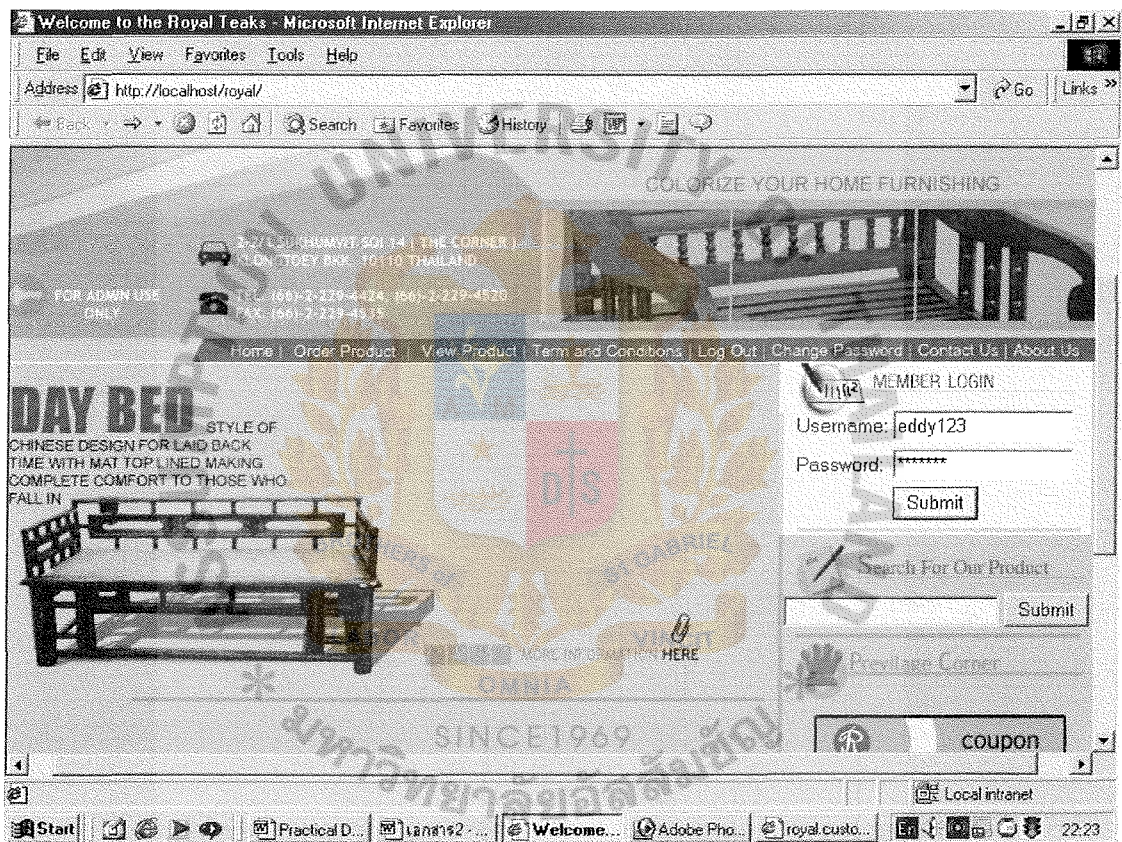


Figure B-5 Login Form (Index page)

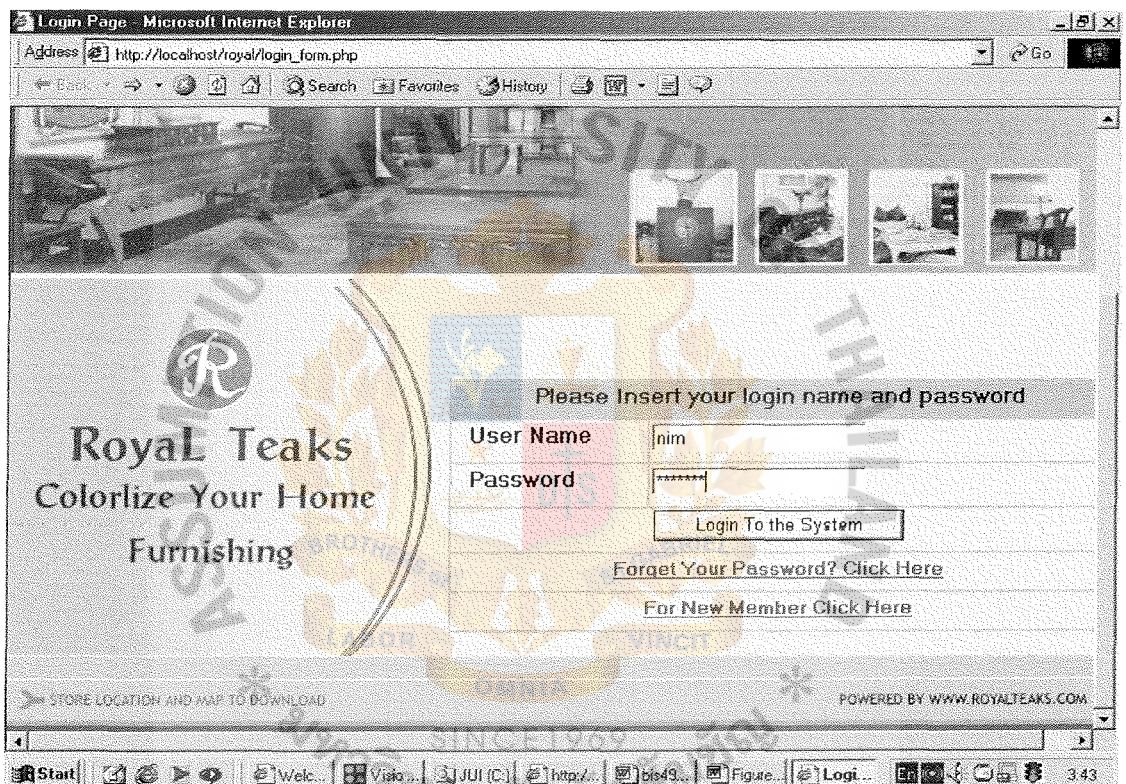


Figure B-6 Login Part (Order product part)

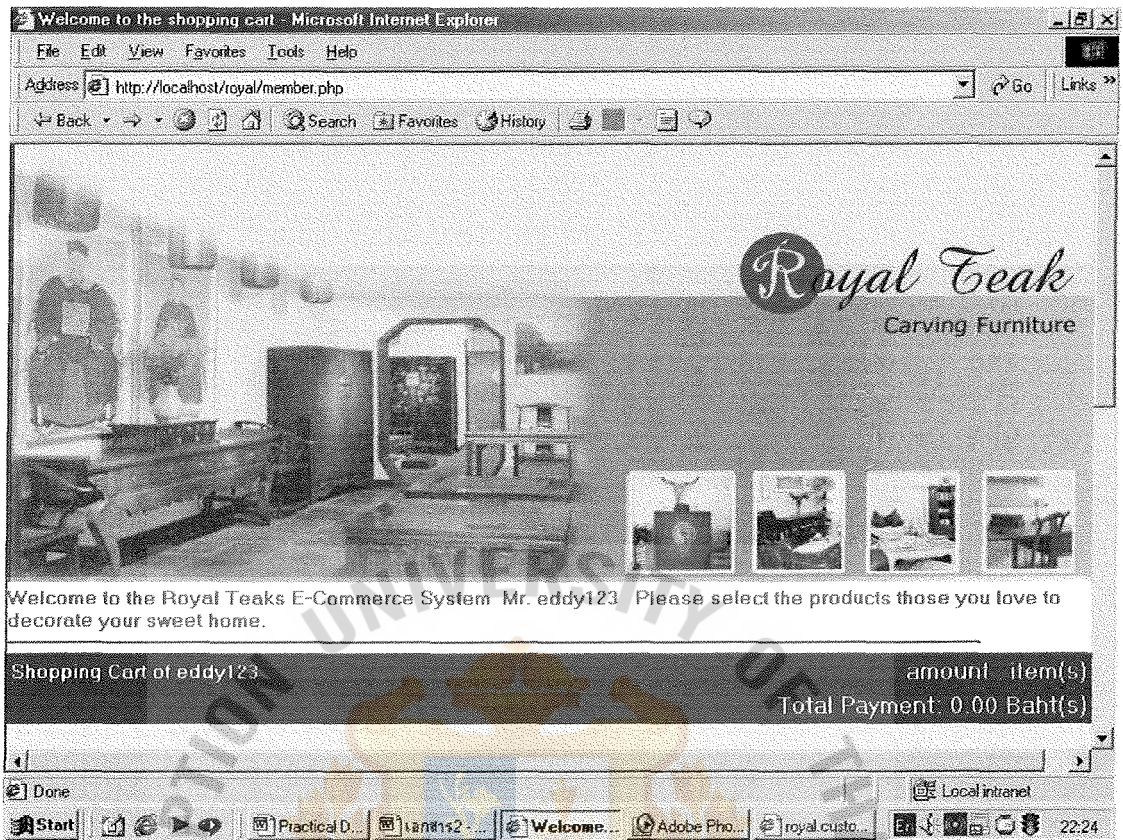


Figure B-7 Greeting word on the greeting page for member

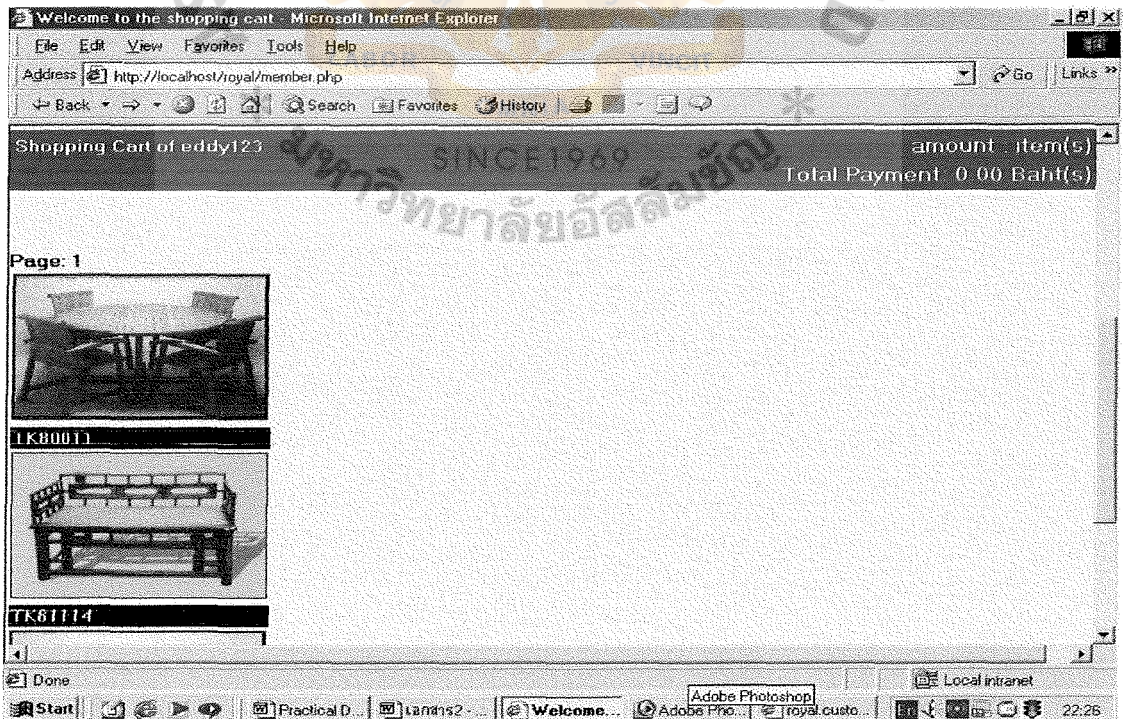


Figure B-8 Header Shopping Cart on the greeting page for member

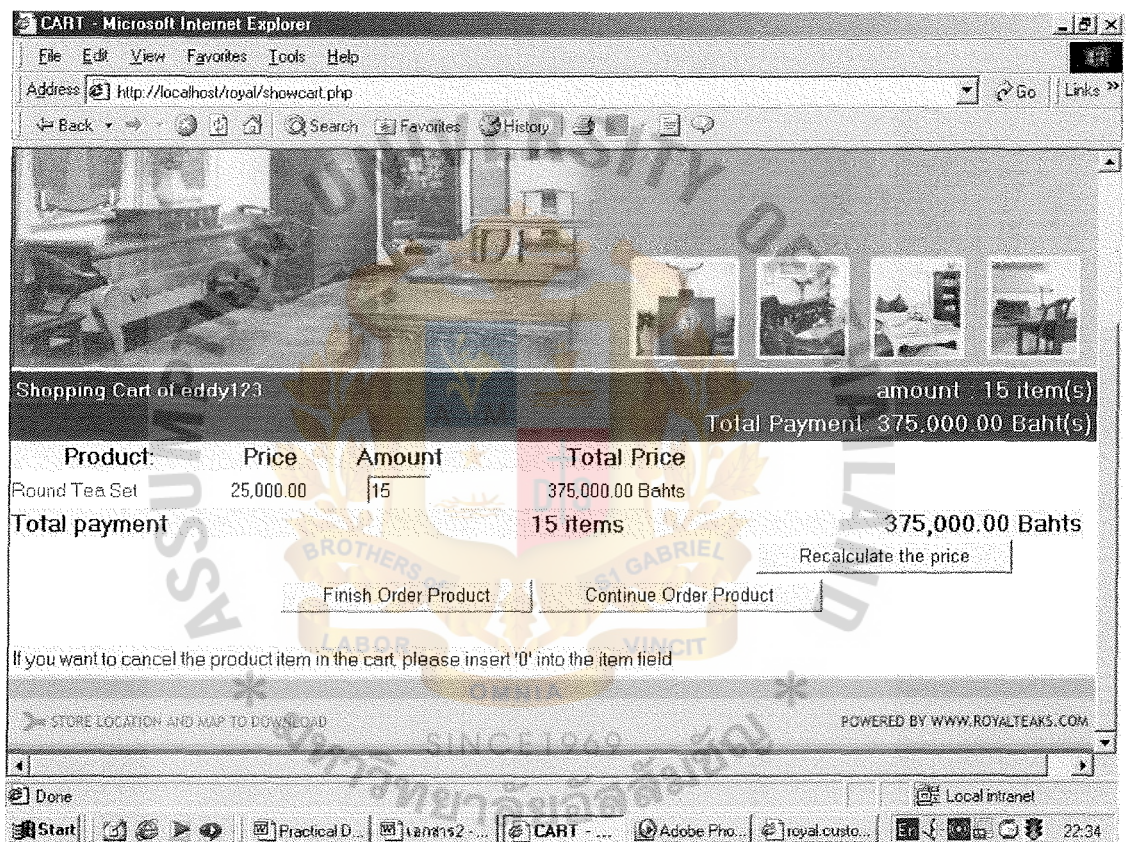


Figure B-9 Show Shopping Cart Page

Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/royal/checkout.php Go Links >>

Back Search Favorites History

Customer Details:

CustomerName:	edddy
Surname:	royalteaks
Address:	2-2/1 Sukhumvit Soi 14
Telephone:	02-6379250
District:	klongteoy
Province:	Bangkok
Zip Code:	10560
Country:	Thailand

Receiver's Information (No need to fill in this part if the shipping information is the same as above)

Receiver name:	
Surname:	
Address:	
District:	
Province:	
Zip:	

Done Local intranet

Start Practical D... Cart - Mi... Adobe Pho... royal.custo... 22:38

Figure B-10 Receiver Page

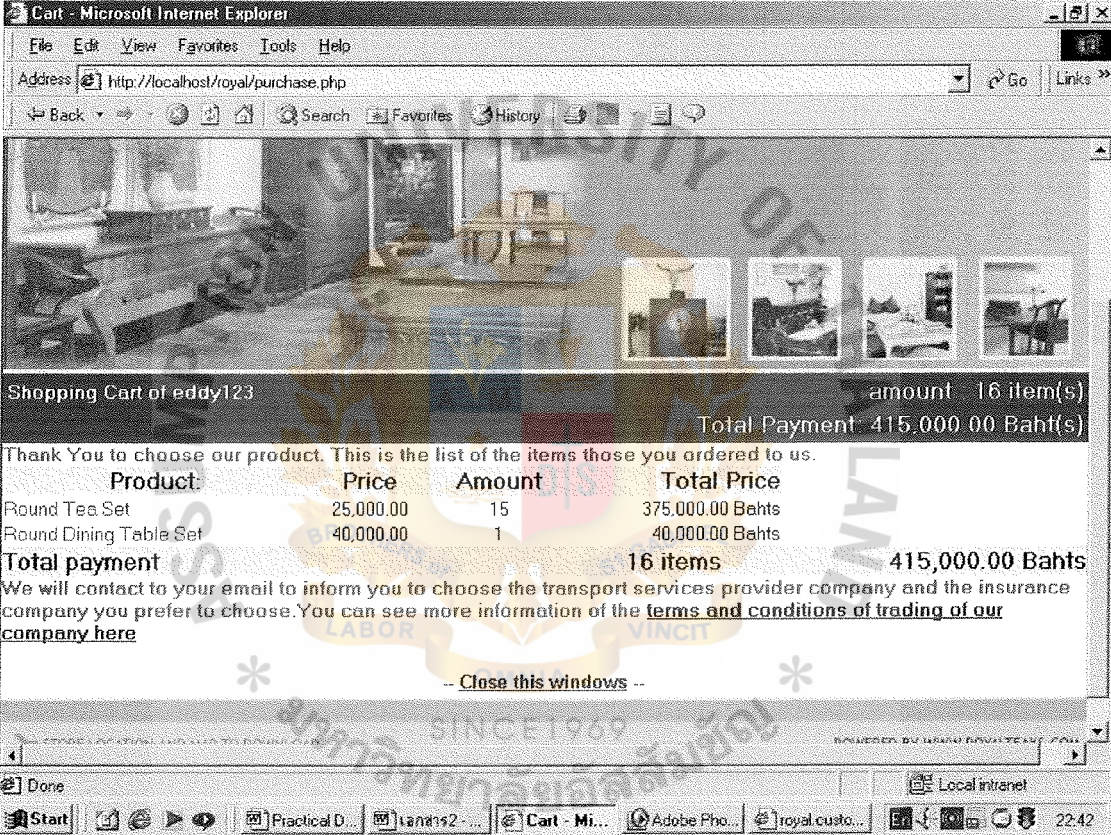


Figure B-11 Finish Ordering Page

Register a new member - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/royal/register_form.php Go Links >>

Back Search Favorites History

Personal Information Data:

Name:

Surname:

Address:

District:

State (For American):

Province/City:

Postal Code:

Country:

Telephone:

E-mail:

Login Data

Username:

Password: (at least 6 characters but not over 16)

Re-enter password:

If you forget the password: [Link](#)

Done Local intranet

Start Practical D... 168152 - ... Adobe Pho... Register ... 22:44

Figure B-12 Register Form

Reaffirmative Data - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/royal/reaffirm_regis.php Go Links »

Back Forward Stop Home Search Favorites History

Customer Details:

CustomerName:	Saranpol
Surname:	Viravanichai
Address:	10/10 Bangjak
Telephone:	02-3612707
District:	bangjak
State:	
Province:	Bangkok
Zip Code:	10260
Country:	Thailand
email:	runnyman@hotmail.com
Username:	runny
Password:	runjiab
Answer if forget password:	cat

Submit Cancel

Done Local intranet

Start Practical D... lan142 Adobe Pho... Reaffirm... EditPlus 22:52

Figure B-13 Reaffirm Registration Data Page

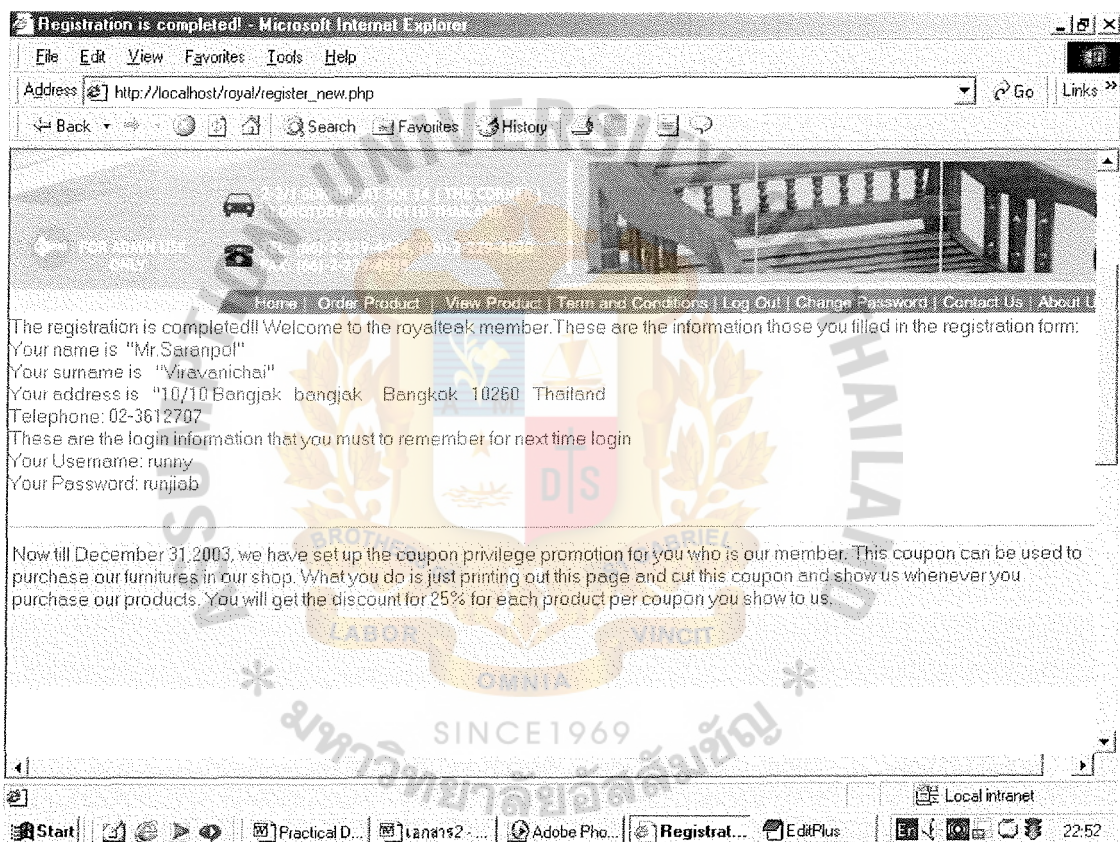


Figure B-14 New Member Greeting Page (Part 1)

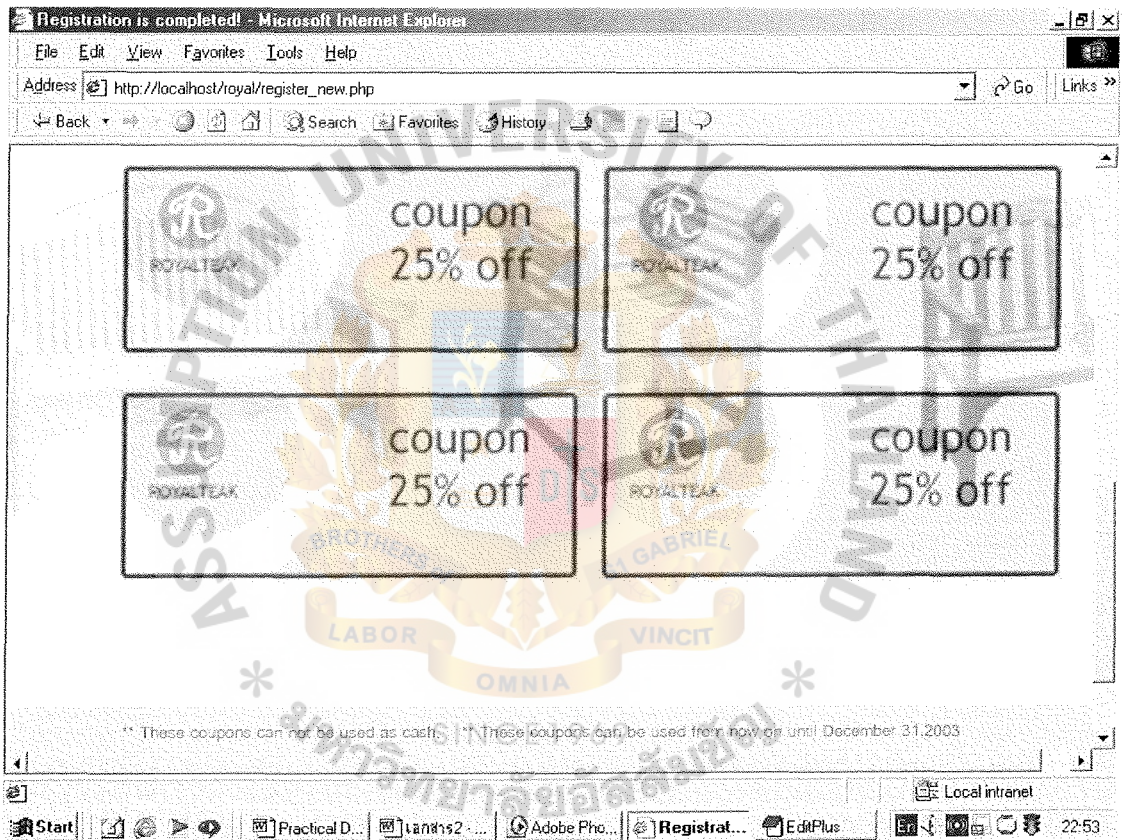


Figure B-15 New Member Greeting Page (Coupon part)

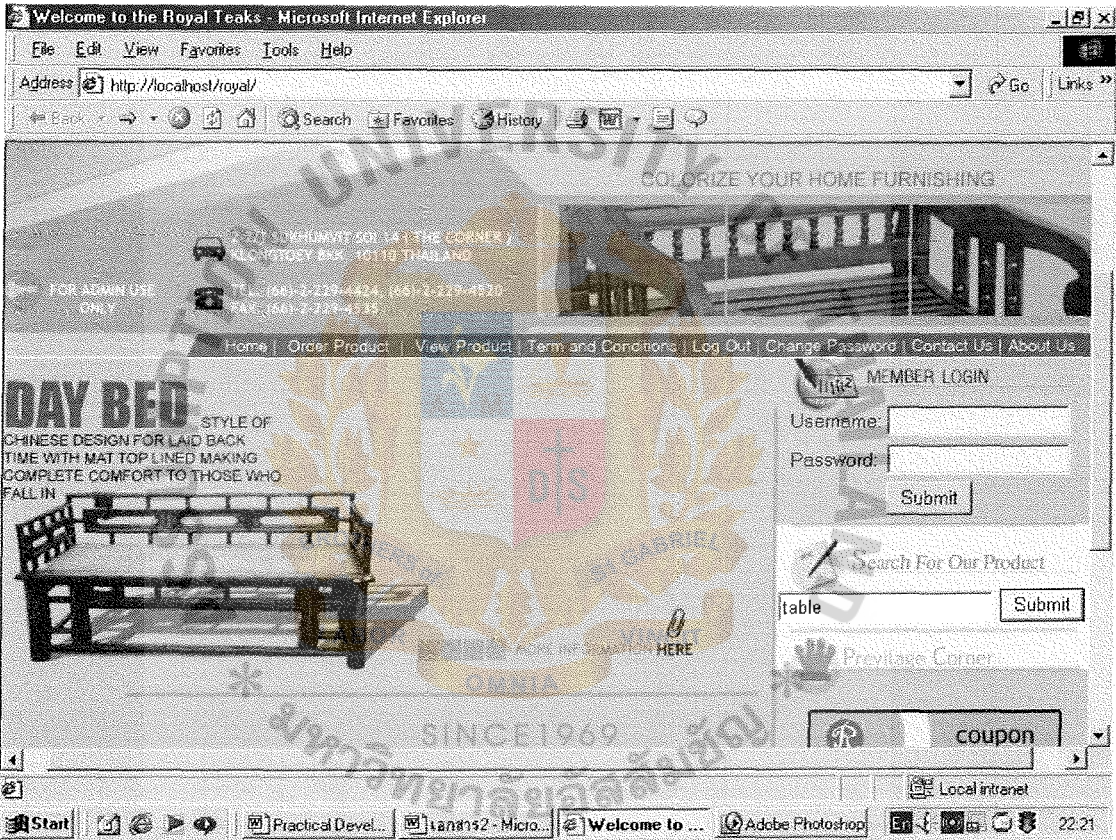


Figure B-16 Search Form

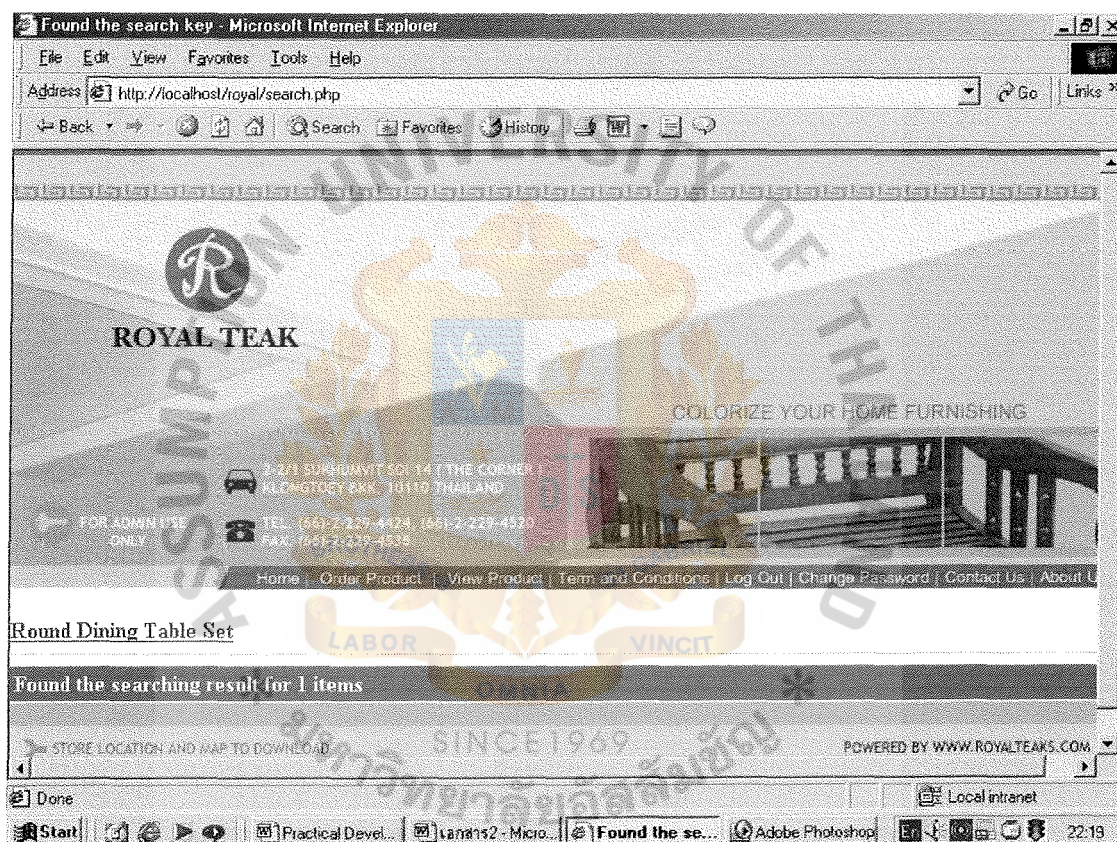


Figure B-17 Search Result

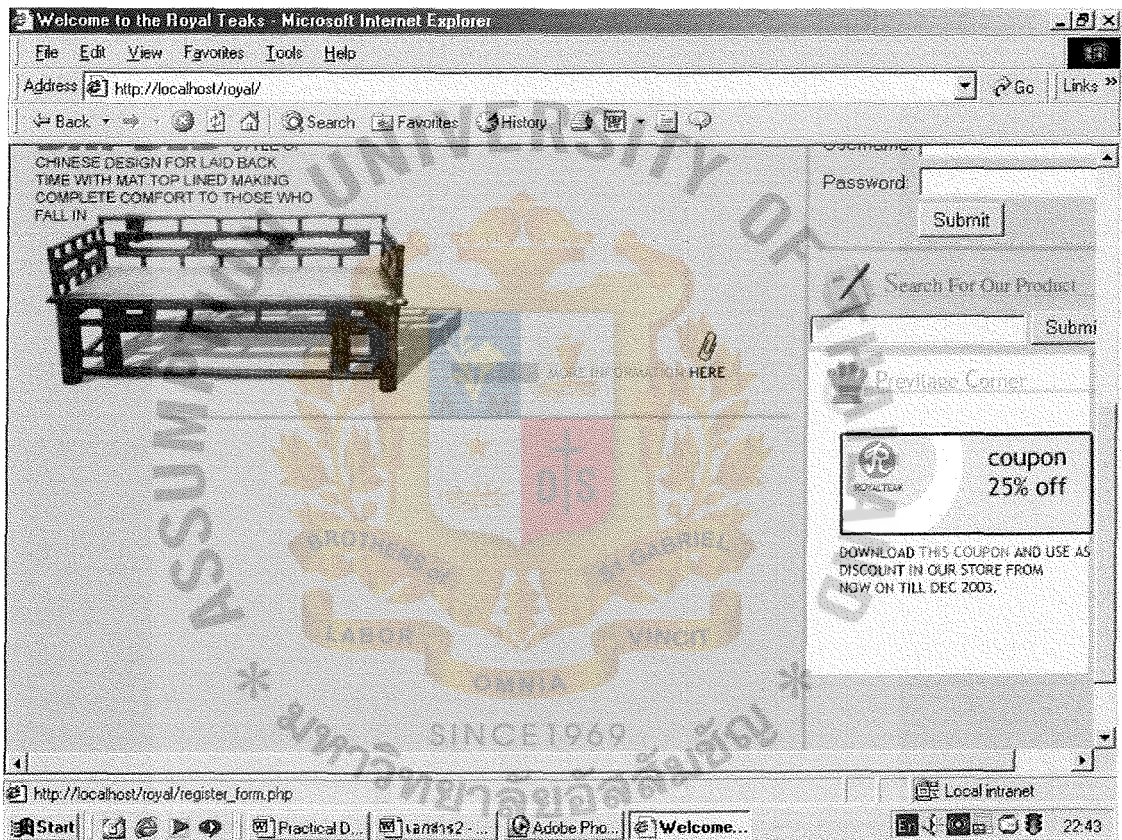


Figure B-18 Coupon

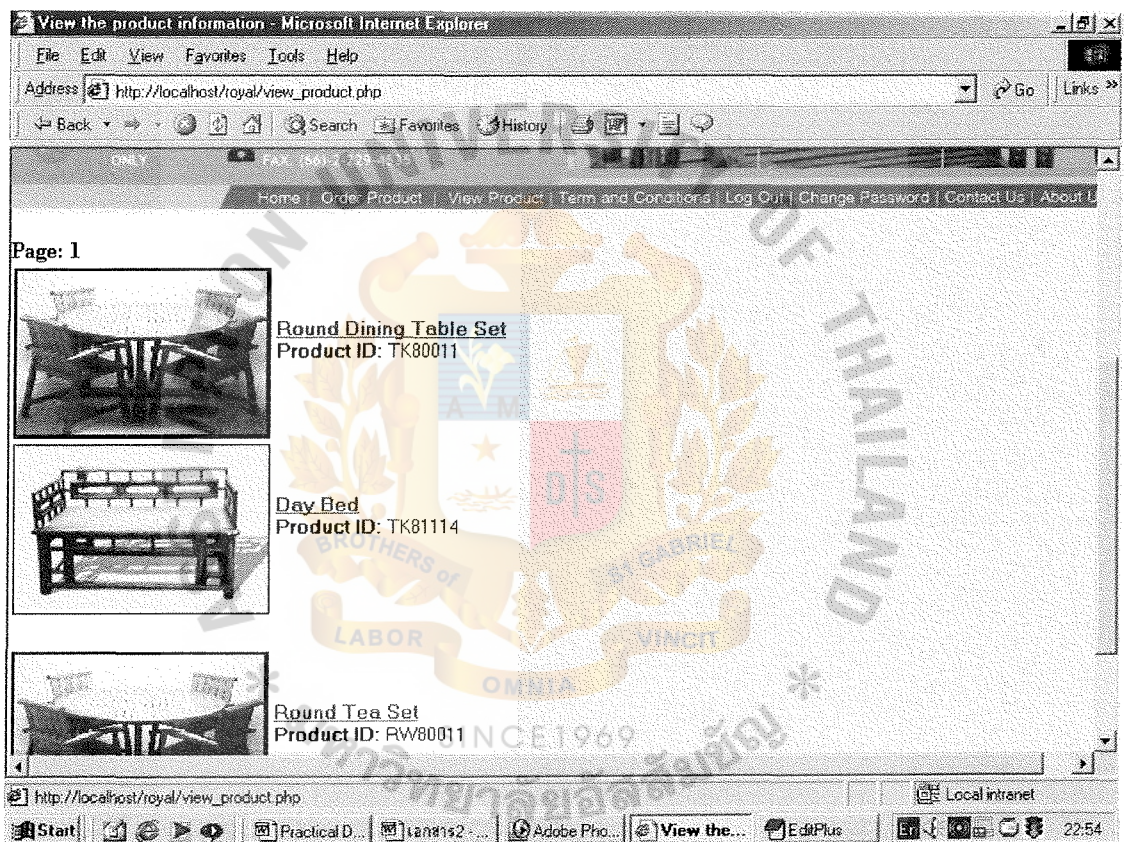


Figure B-19 View Product Page

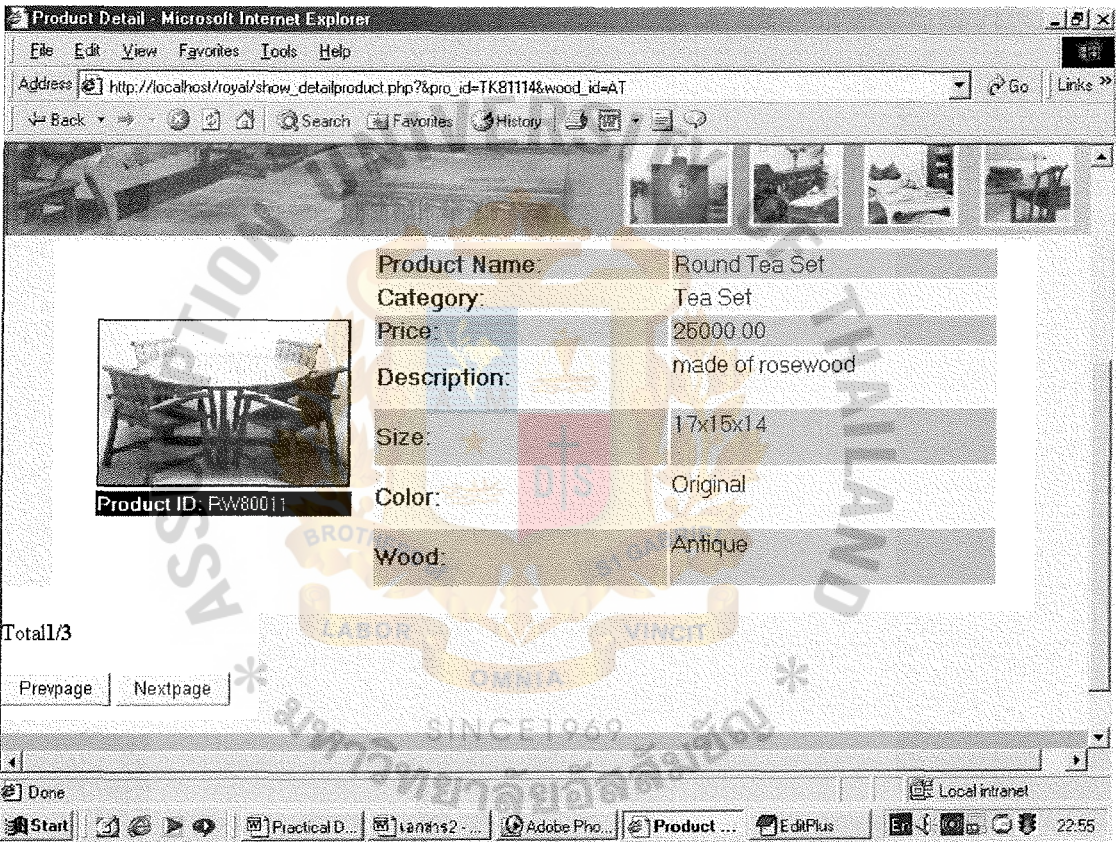


Figure B-20 View Detail Product Page

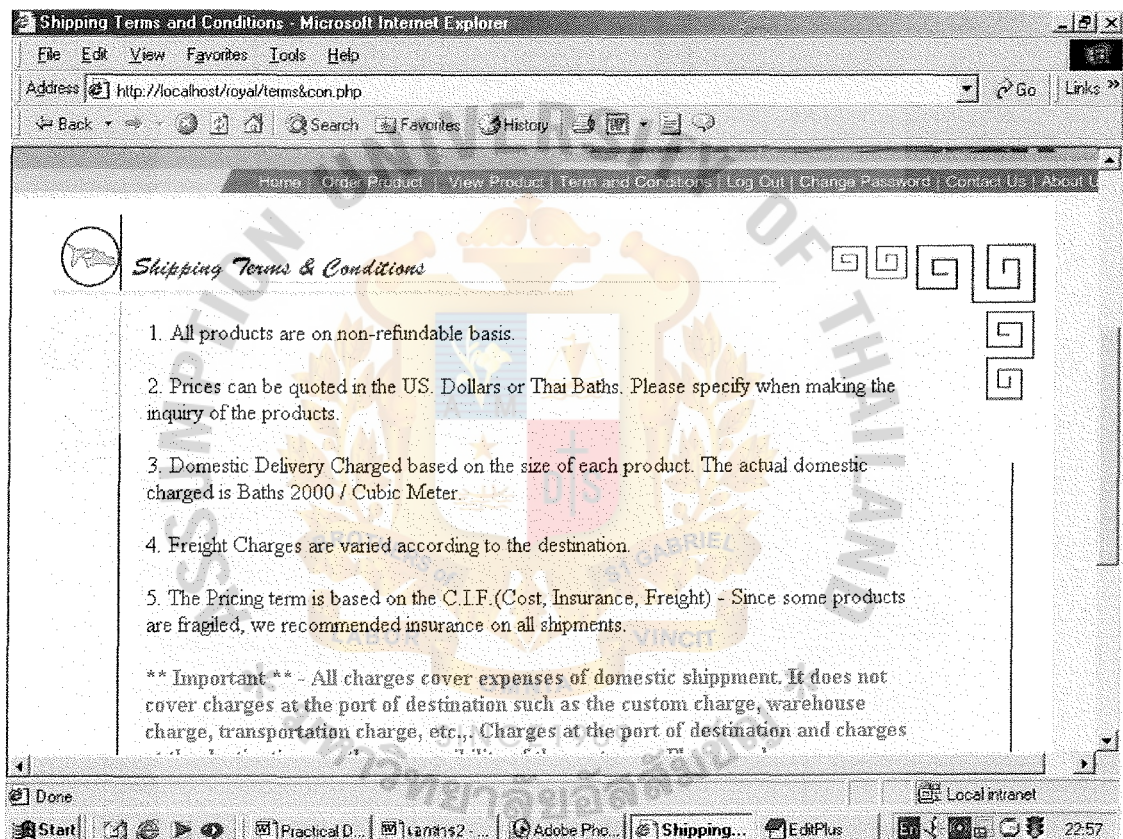


Figure B-21 Terms and Condition page

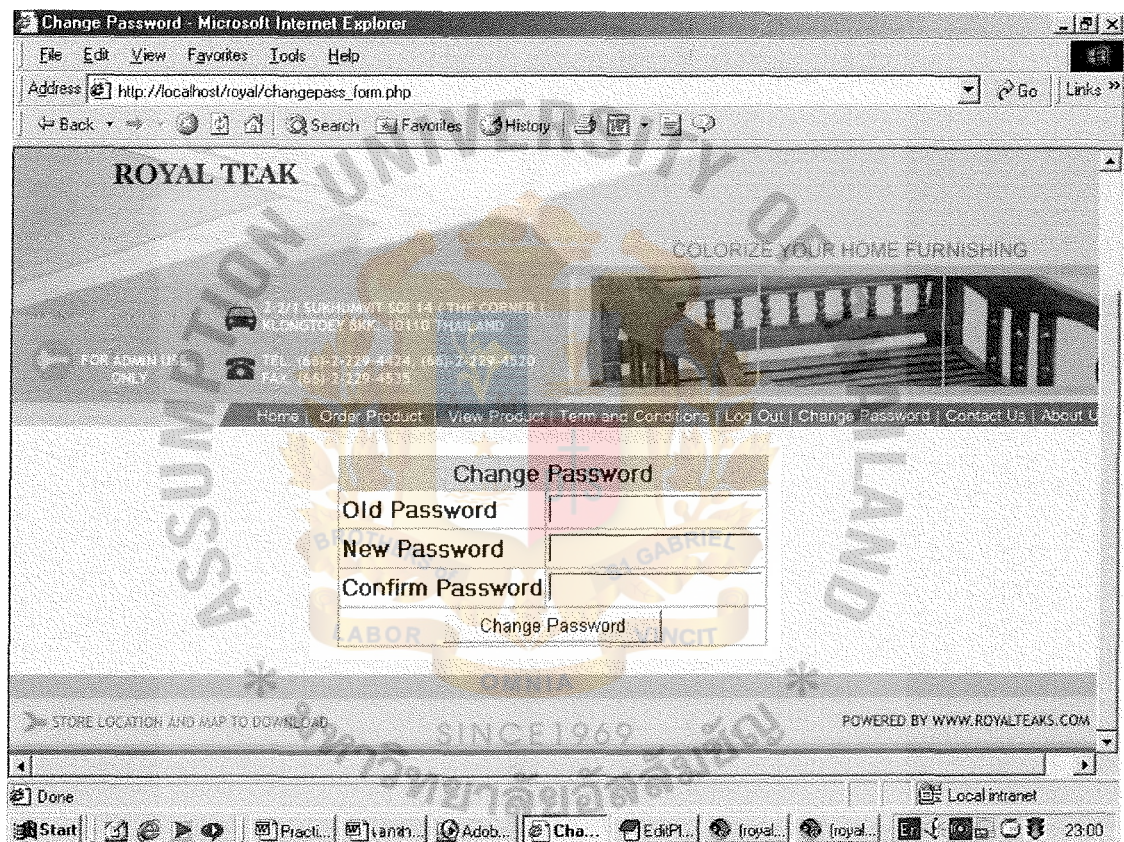


Figure B-22 Change Password Form

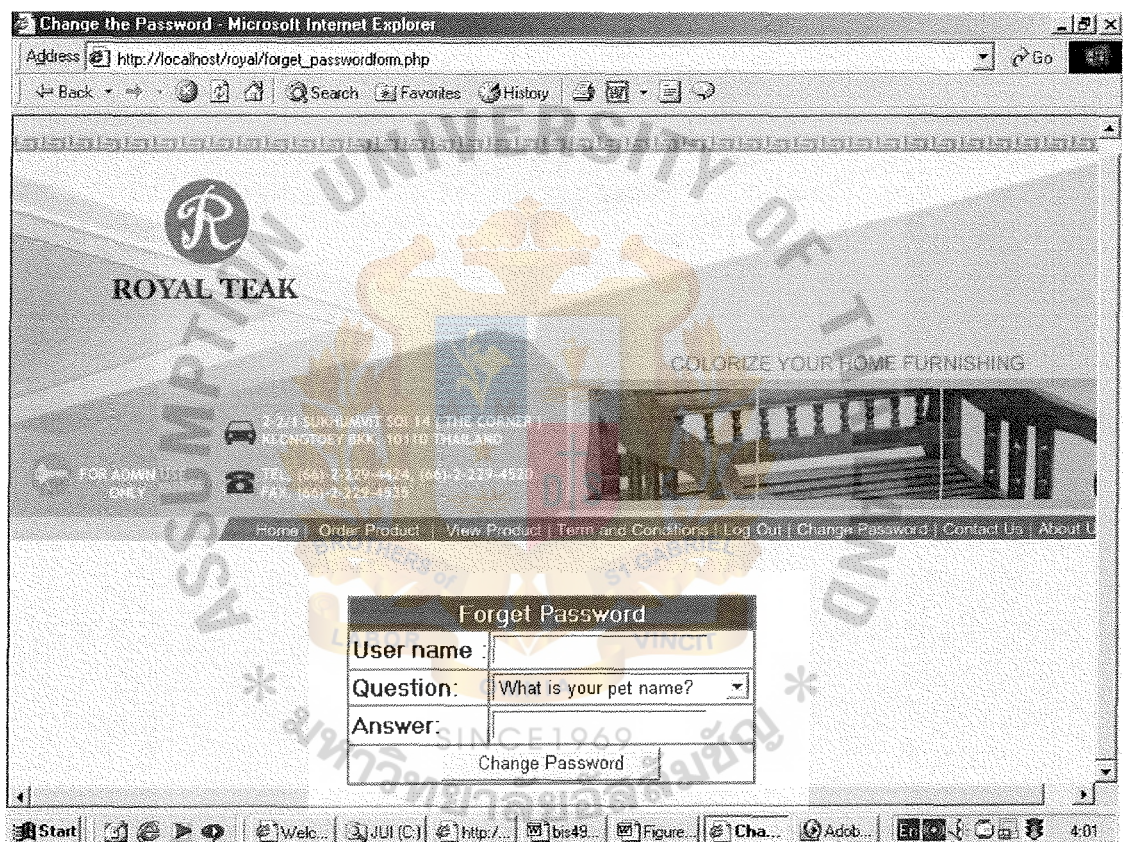


Figure B-23 Forget Password Form

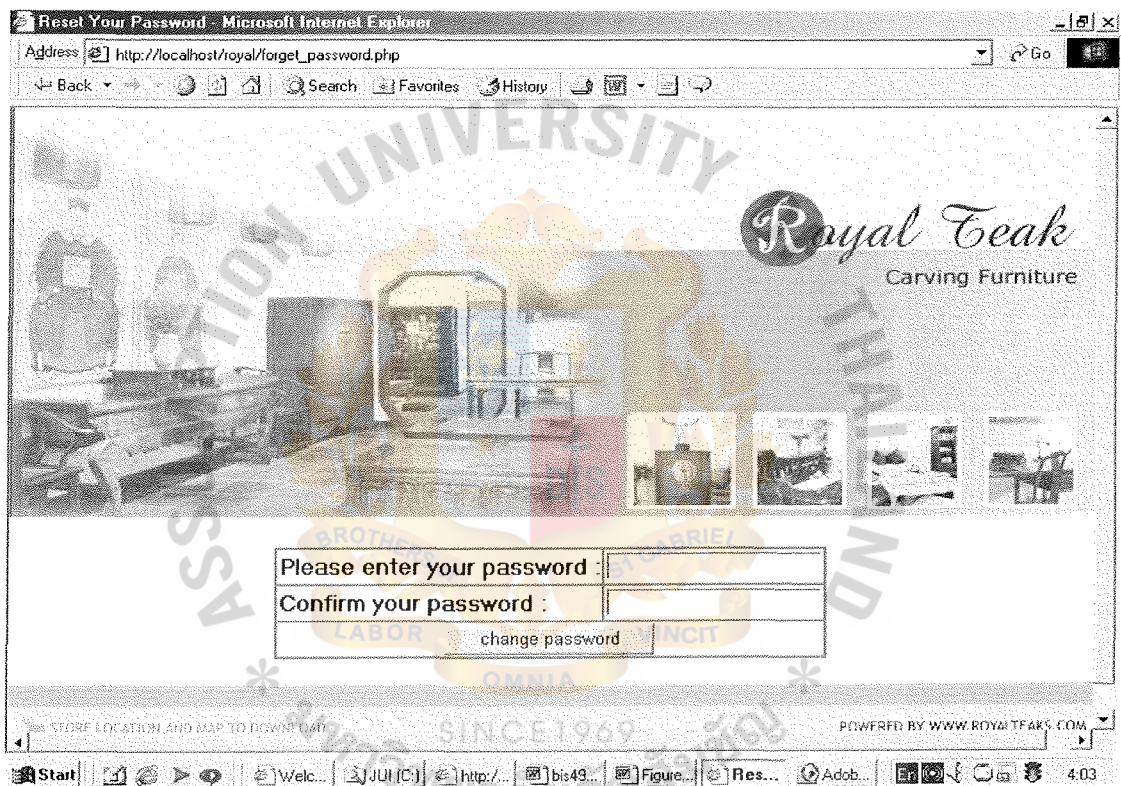


Figure B-24 Forget Password Form (For forget password)

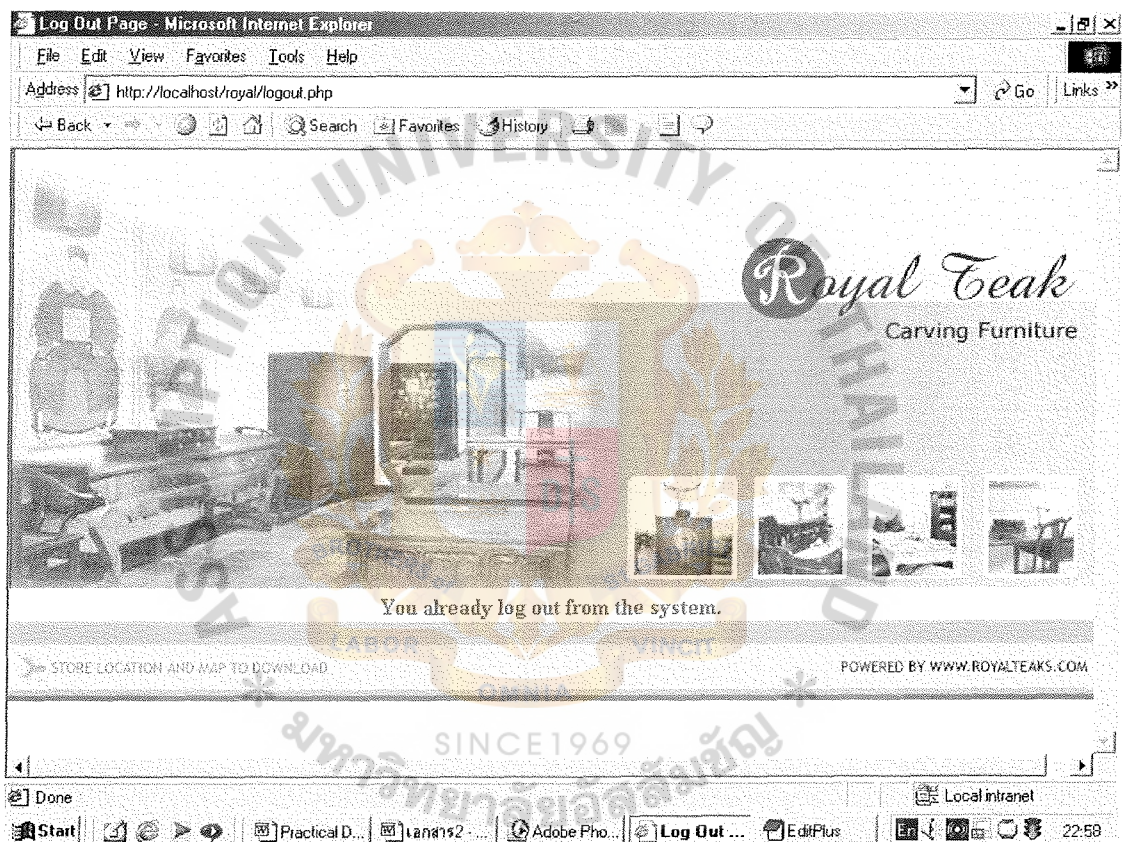


Figure B-25 Logout page

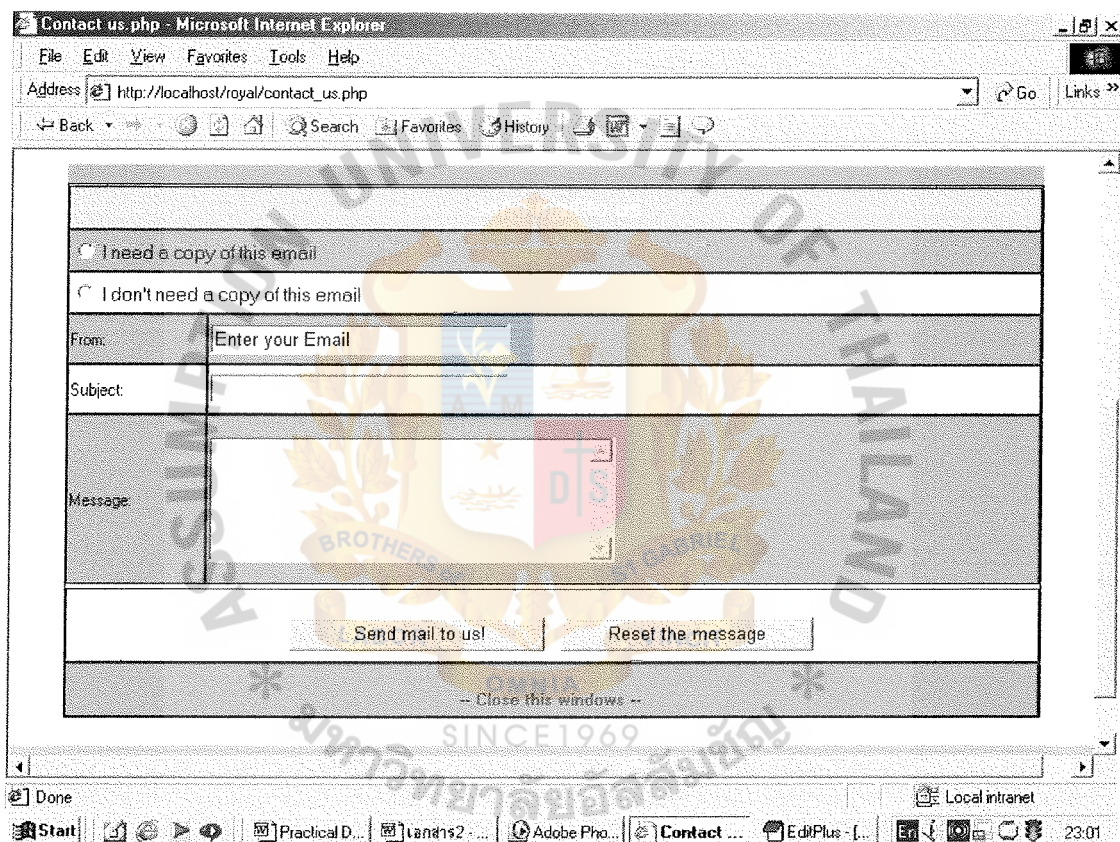


Figure B-26 Contact Us

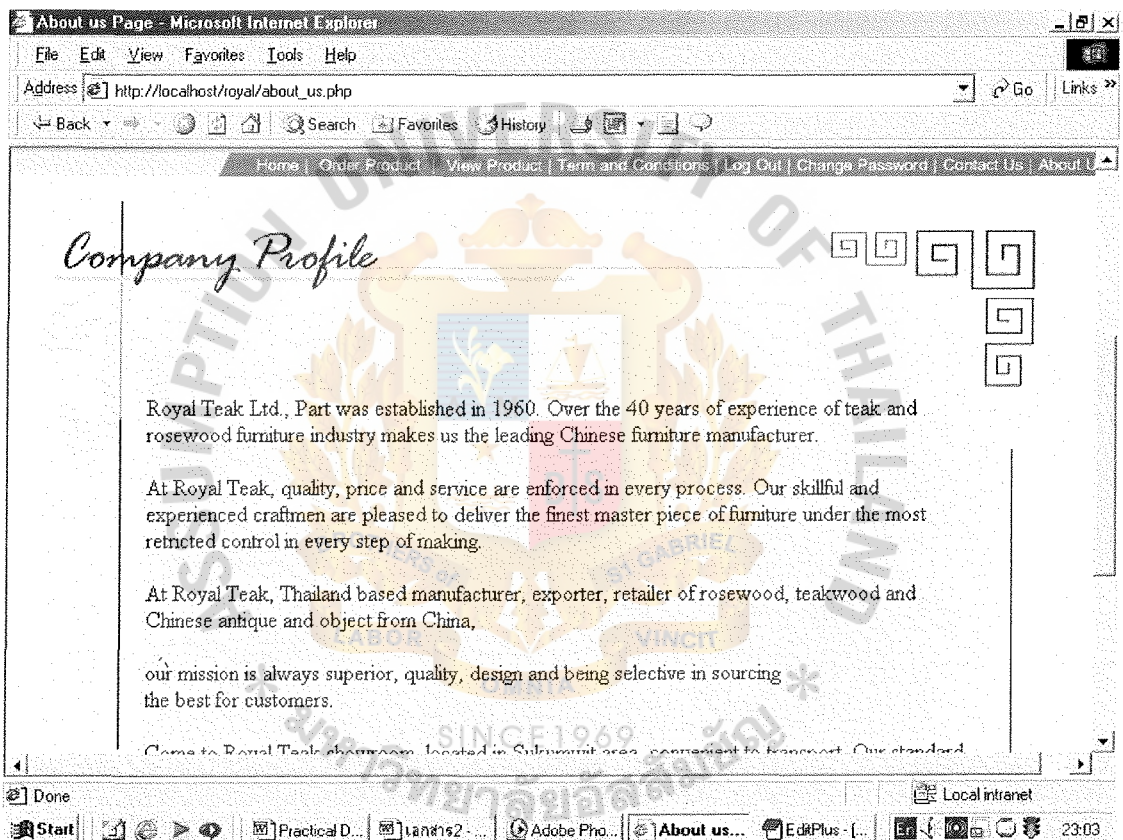


Figure B-27 About Us page

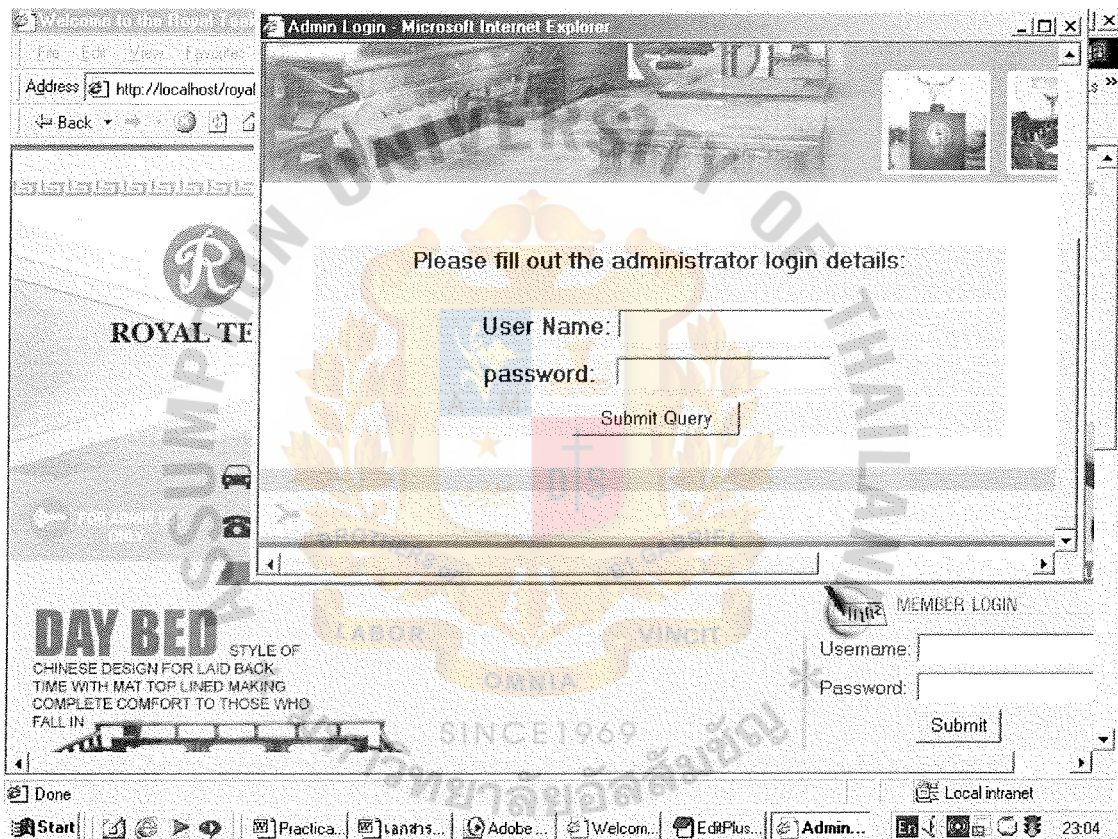


Figure B-28 Admin Login Form Page

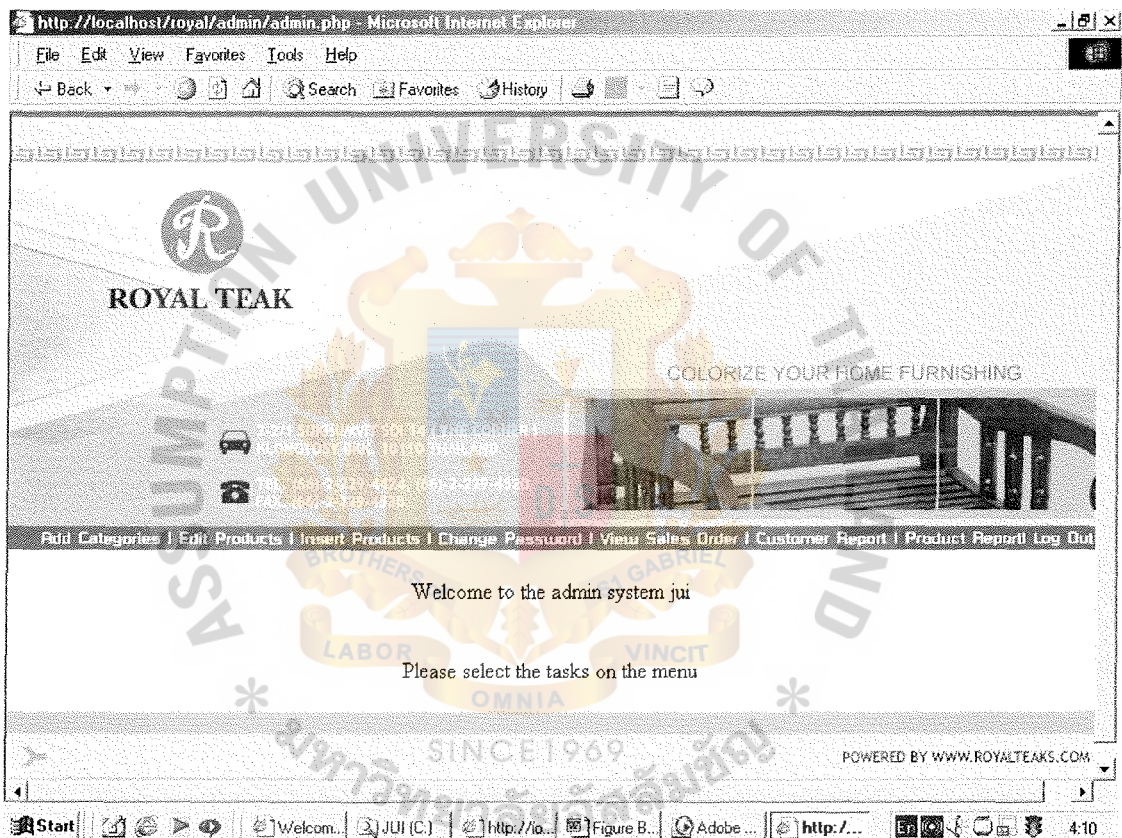


Figure B-29 Greeting Page



Figure B-30 Add Category Page

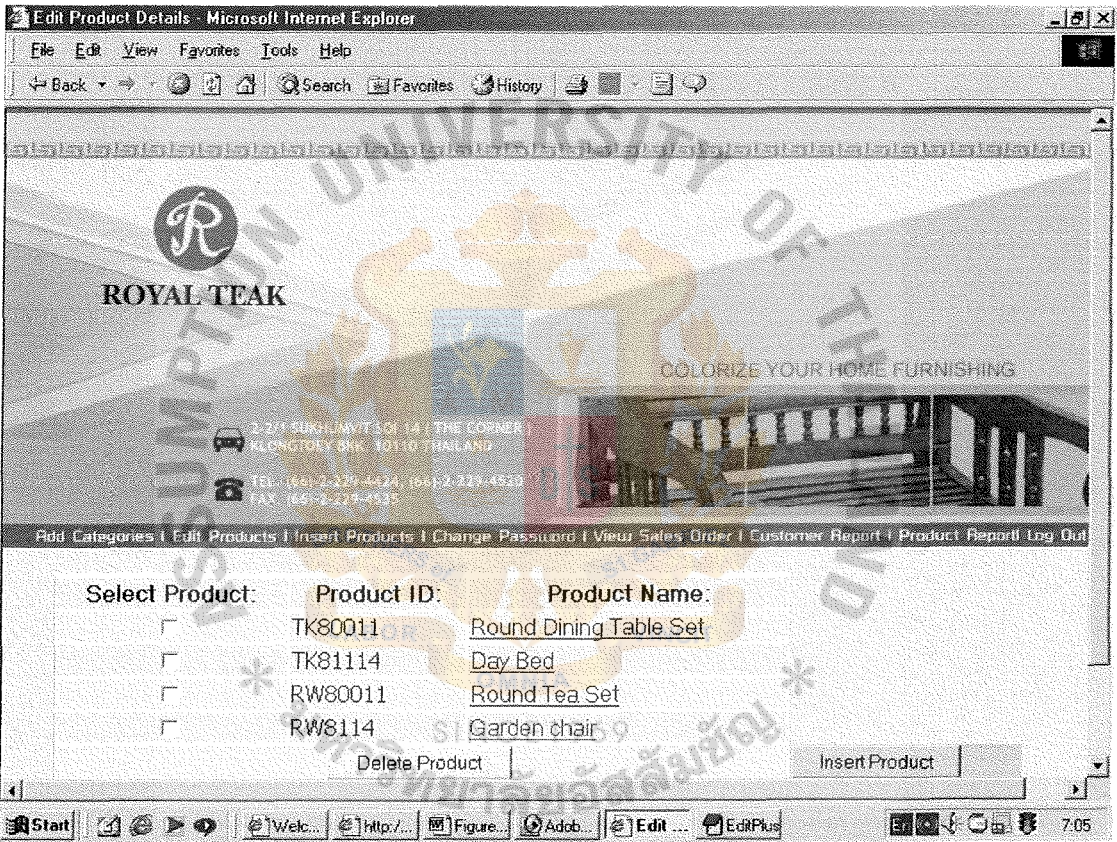


Figure B-31 Edit Product Page (1)

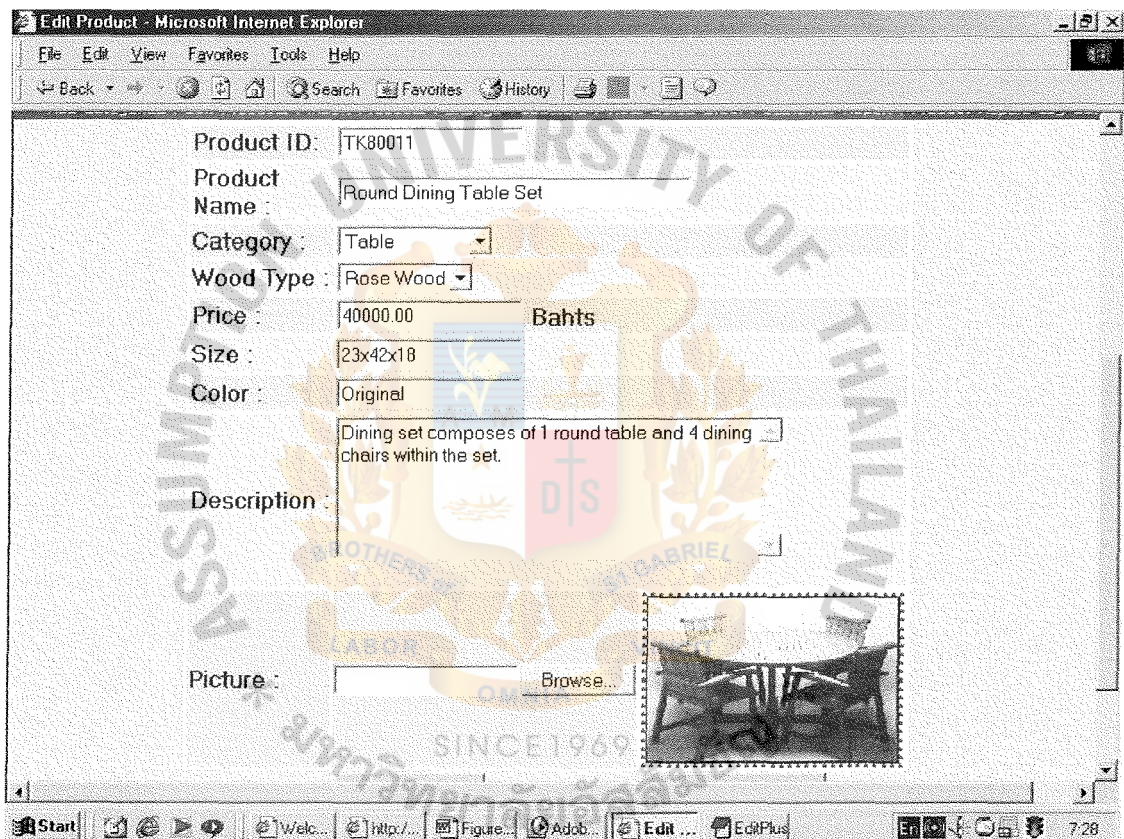


Figure B-32 Edit Product Page (2)

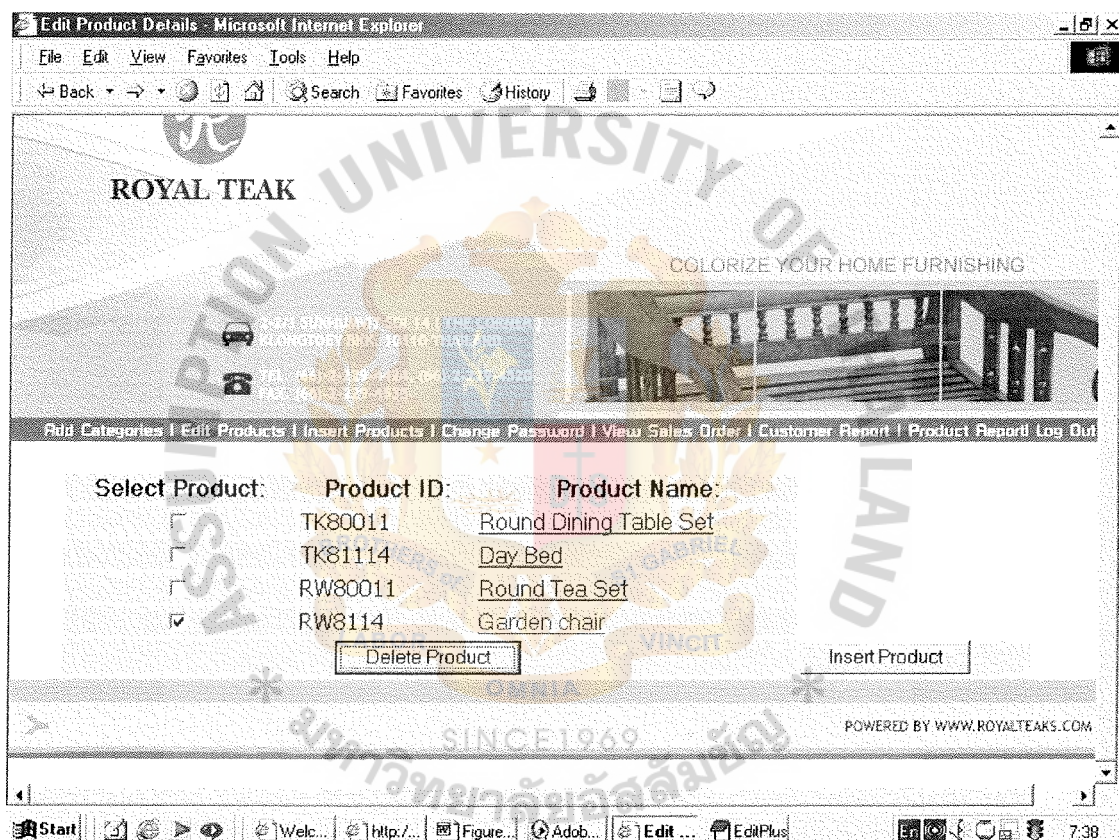


Figure B-33 Delete Product Many

Microsoft Internet Explorer window titled "Add new products". The address bar shows a URL starting with "http://". The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains Back, Forward, Stop, Reload, Home, Search, Favorites, History, and Print. A navigation bar at the top of the page lists: Add Categories | Edit Products | Insert Products | Change Password | View Sales Order | Customer Report | Product Report | Log Out.

The main content area displays a form titled "Add new products" with the following fields and controls:

- Product ID :
- Product Name :
- Wood Type:
- Category :
- Product Description:
- Price:
- Size:
- Color:
- Picture:
-

The taskbar at the bottom shows the Start button and several open applications: Welc..., http:/..., Figure..., Adob..., Add..., and EditPlus. The system clock in the bottom right corner displays 7:43.

Figure B-34 Add Product Form

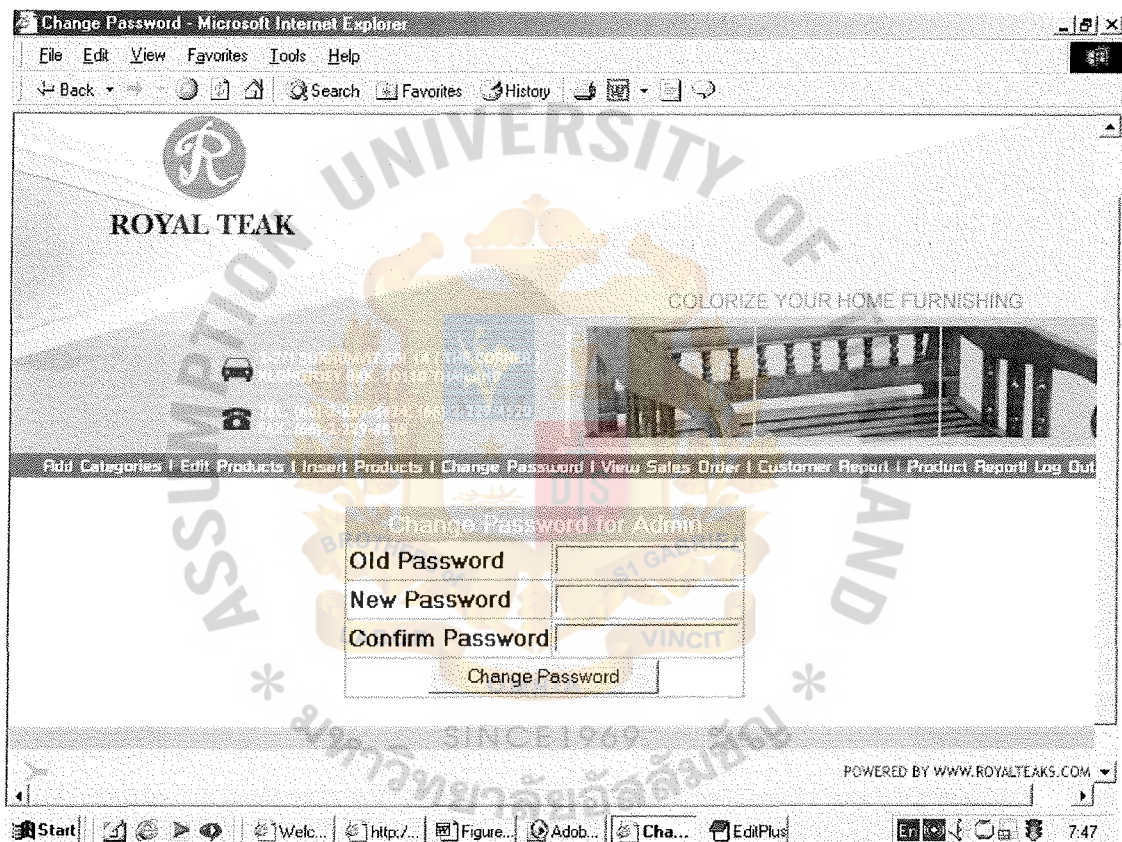


Figure B-35 Change Admin Password

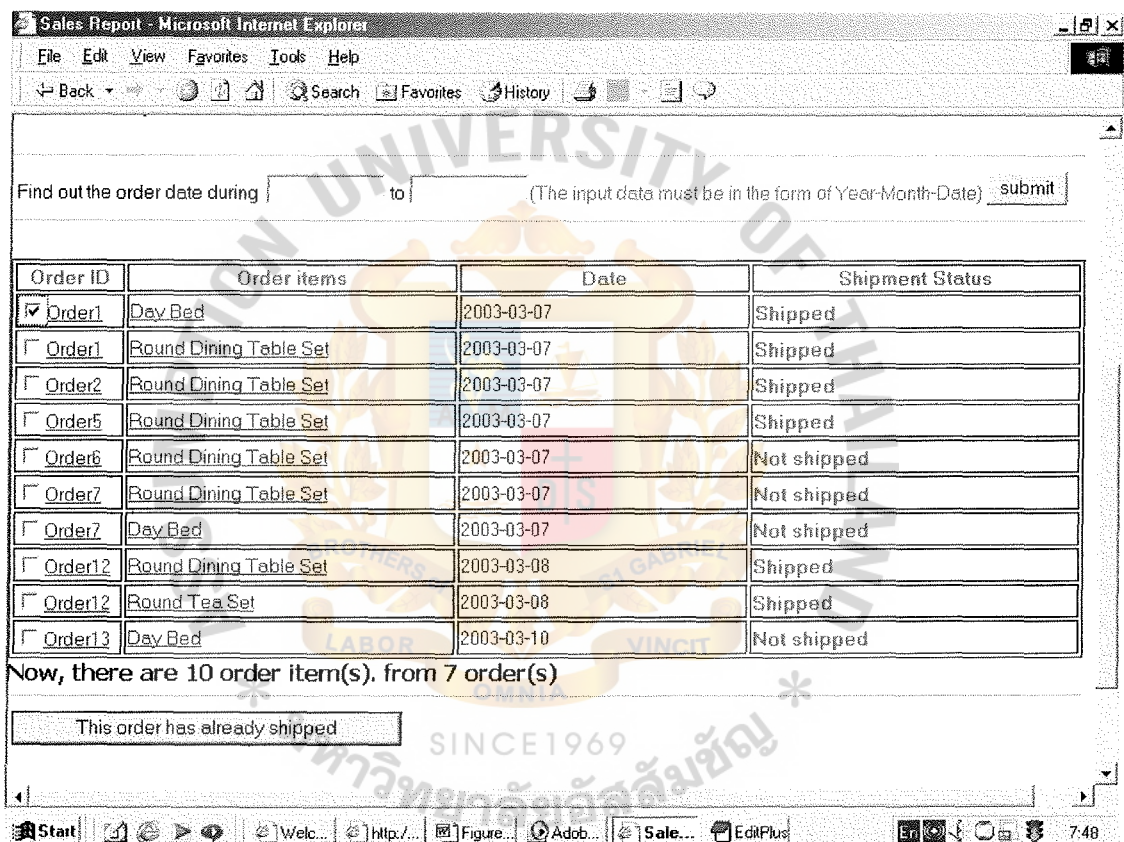


Figure B-36 Sales order report

Sales Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Royal Teaks Company
 6/5 Sukhumvit 14 Klong Teov Bangkok 10110
 Tel: 02-229-4424 Fax: 02-229-4533

Customer ID: 27 Order ID: 1
 Customer Name: abac Surname: abac Order Date: 2003-03-07
 Address: abac District: abac Province: Bangkok
 Country: Thailand
 Telephone: 02-637-925

Product ID:	Product Name:	Amount:	Price: (Baht)	Total Price:
TK80011	Round Dining Table Set	14	40000.00	560,000.00
TK81114	Day Bed	158	25000.00	3,950,000.00
Total =				4,510,000.00

This order has already been shipped to the customer

Print This Page

Start Welc... http://... Figure... Adob... Sale... EditPlus 7:49

Figure B-37 Order Details Page

Order search result - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites History

Royal Teaks Company
6/5 Sukhumvit 14 Klong Teoy Bangkok 10110
Tel: 02-229-4424 Fax: 02-229-4535

Order ID	Date	Shipment Status
<input type="checkbox"/> Order2	2003-03-07	Shipped
<input type="checkbox"/> Order5	2003-03-07	Shipped
<input type="checkbox"/> Order6	2003-03-07	Not shipped
<input type="checkbox"/> Order7	2003-03-07	Not shipped
<input type="checkbox"/> Order8	2003-03-07	Not shipped
<input type="checkbox"/> Order9	2003-03-07	Not shipped
<input type="checkbox"/> Order10	2003-03-07	Not shipped
<input type="checkbox"/> Order11	2003-03-07	Not shipped
<input type="checkbox"/> Order12	2003-03-08	Shipped
<input type="checkbox"/> Order13	2003-03-10	Not shipped

Start Welc... http:/... Figure... Adob... Ord... EditPL... 8:05

Figure B-38 Order Search Result

Customer Report Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites History

Add Categories | Edit Products | Insert Products | Change Password | View Sales Order | Customer Report | Product Report | Log Out

Customer Report

Customer ID	Name	Surname	Address	Telephone
1	Pongsan	Viravanichai	10/10 Bangjak Prakanhong Bangkok 10260 Thailand	02-3612707
4	Amake	Reungkitanuwat	2-2/1 Sukhumvit Soi 14 klongteoy Bangkok 10260 Thailand	02-3612707
10	Sirikul	Tieangasuk	24/2 Sathom Bangkok 10260 Thailand	02-6379250
16	Chukieat	Viravanichai	10/10 Bangjak Prakanhong Bangkok 10260 Thailand	02-3931579
17	Aooddy	Coolguy	24/2-3 klongteoy Bangkok 10250 Thailand	02-229-442
26	Annop	longsirikul	24/2 klongteoy Bangkok 10250 Thailand	02-229-442
27	abac	abac	abac abac Bangkok 10260 Thailand	02-637-925
32	edddy	royalteaks	2-2/1 Sukhumvit Soi 14 klongteoy Bangkok 10560 Thailand	02-6379250
33	Pomchai	Viravanichai	10/10 Bangjak Prakanhong Bangkok 10400 Thailand	02-637-925
34	Samrat	Viravanichai	10/10 Bangjak bangjak	02-

Start Welcome t... Customer... Figure B... Adobe Pho... EditPlus : [s... 8:06

Figure B-39 Customer Report

Customer Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Royal Teaks Company
 6/5 Sukhumvit 14 Klong Teov Bangkok 10110
 Tel: 02-229-4424 Fax: 02-229-4585

Customer Profiles

Customer Name:	Pongsan
Customer Surname:	Viravanichai
Address:	10/10 Bangjak Prakanhong Bangkok 10260
Telephone Number:	02-3612707
Postal Code:	10260
Country:	Thailand

Customer Sales Order History

Order ID	Order Items	Date
5	Round Dining Table Set	2003-03-07

Print This Page


Start Welcome L... Customer... Figure B - ... Adobe Pho... EditPlus : [s... 8:07

Figure B-40 Customer Sales Order history

Customer Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back
Search
Favorites
History



Royal Teaks Company

6/5 Sukhumvit 14 Klong Teay Bangkok 10110
Tel: 02 -229-4424 Fax:02-229-4535

Product Report

Product ID	Product Name	Price	Categories	Wood Type
TK80011	Round Dining Table Set	40000.00	Table	Rose Wood
RW8114	Garden chair	35000.00	Garden set	Rose Wood
TK81114	Day Bed	25000.00	Bed	Antique
RW80011	Round Tea Set	25000.00	Tea Set	Antique

Now, there are 4 product(s) posted on the website

[Print This Page](#)

SINCE 1969

POWER BY ROYALTEAKS.COM

Start

Welcome L...

Customer...

Figure B - ...

Adobe Pho...

EditPlus : [s...

8:08

Figure B-41 Product Report Page

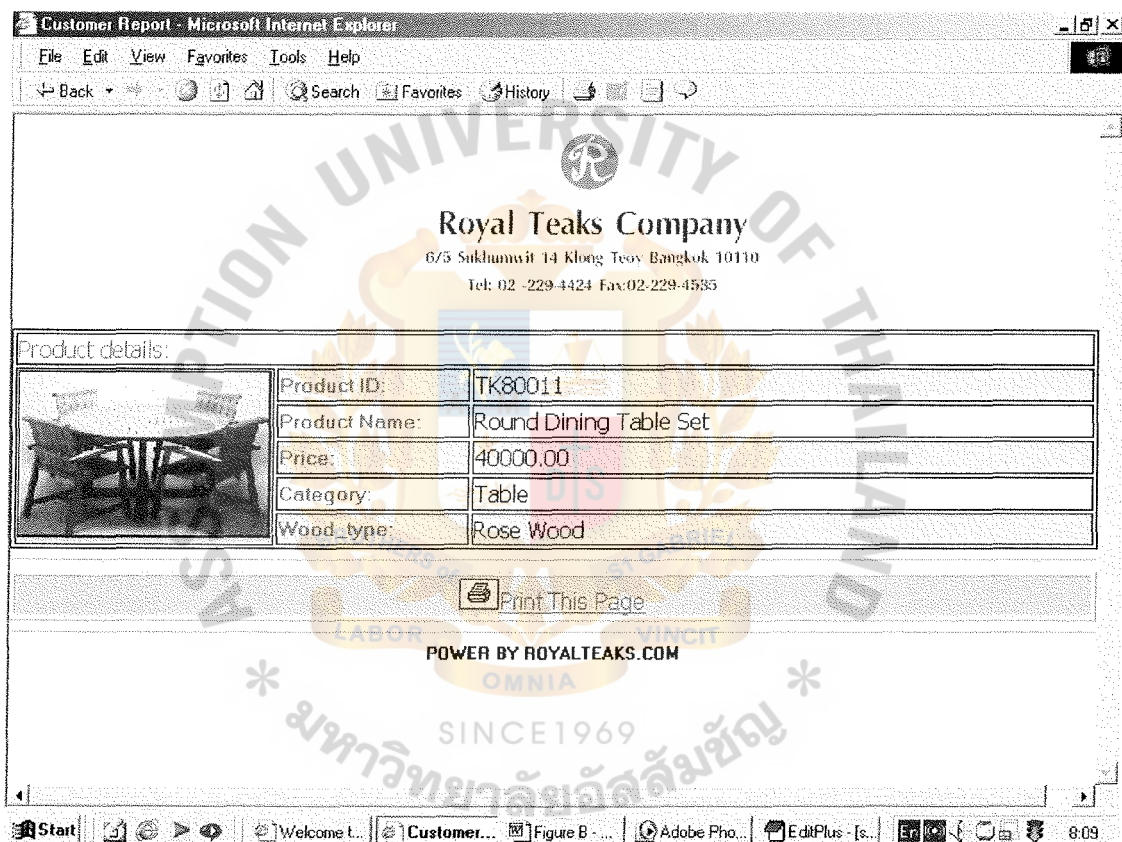


Figure B-42 Product Report Page

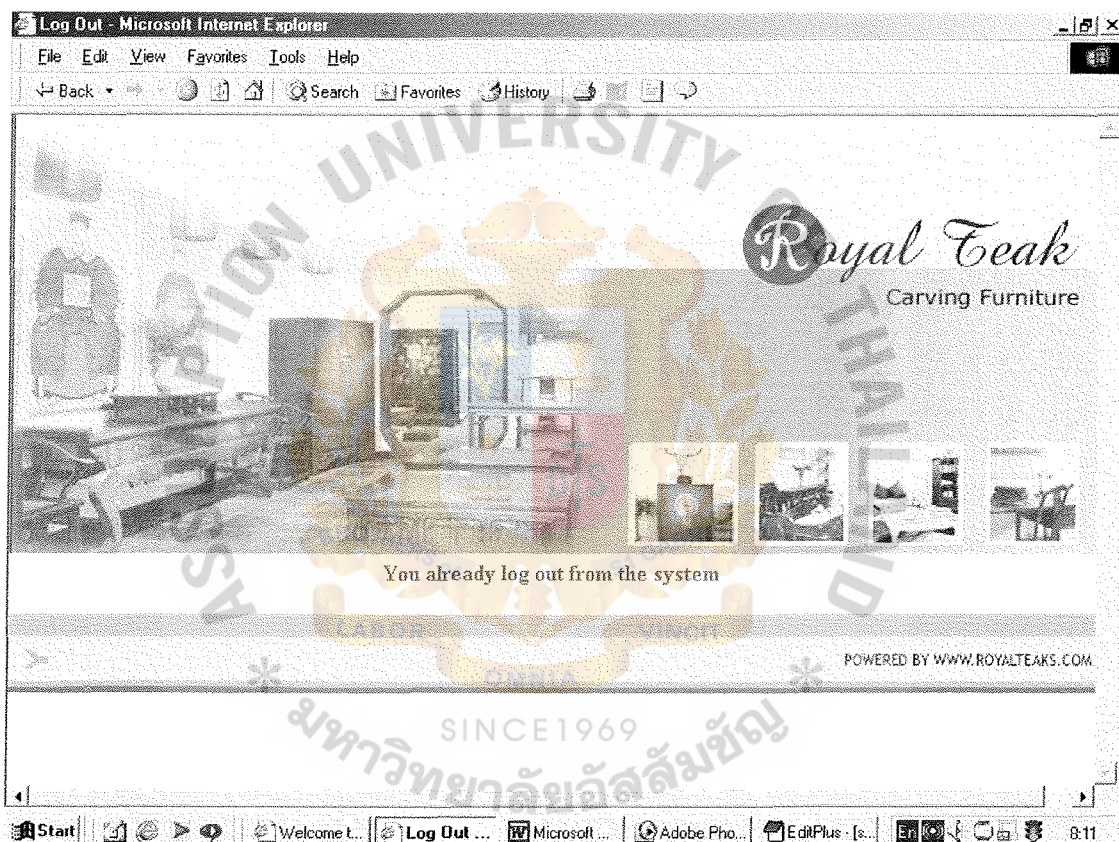


Figure B-43 Logout Page



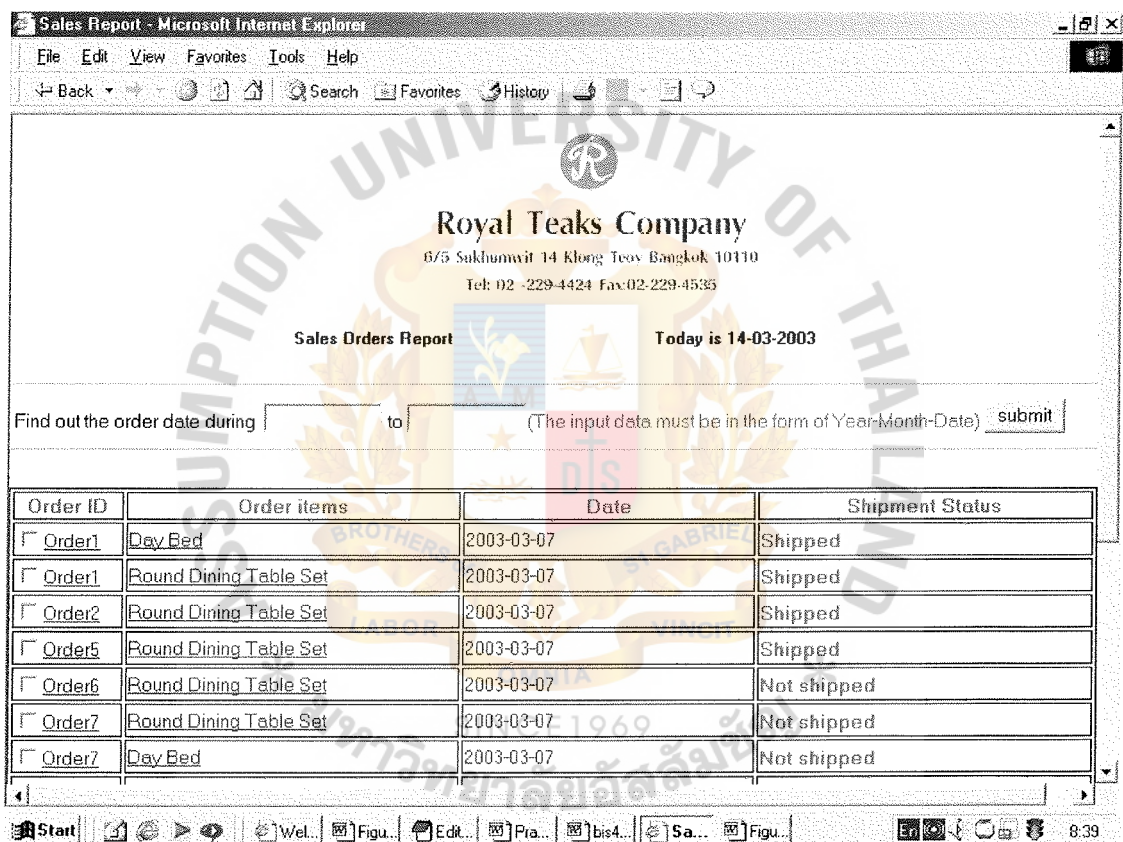


Figure C-1 Order Report

Sales Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites History

Royal Teaks Company
6/5 Sakhumwit 14 Klong Teov Bangkok 10110
Tel: 02 -229-4424 Fax:02-229-4535

Customer ID:27 Order ID:1
Customer Name:abac Surname:abac Order Date: 2003-03-07
Address:abac District : abac Province:Bangkok
Country:Thailand
Telephone:02-637-925

Product ID:	Product Name:	Amount:	Price:(Baht)	Total Price:
TK80011	Round Dining Table Set	14	40000.00	560,000.00
TK81114	Day Bed	158	25000.00	3,950,000.00
Total =				4,510,000.00

This order has already been shipped to the customer

Print This Page

Start Wel... Figu... Edit... Pra... bis4... Sa... Figu... 8:40

Figure C-2 Customer Sales Order Report

Customer Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites History

Royal Teaks Company
 6/5 Sukhumvit 14 Klong Teoy Bangkok 10110
 Tel: 02 -229-4424 Fax:02-229-4535

Customer Report

Customer ID	Name	Surname	Address	Telephone
1	Pongsan	Viravanichai	10/10 Bangjak Prakanhong Bangkok 10260 Thailand	02-3612707
4	Anake	Reungkitjanuwat	2-2/1 Sukhumvit Soi 14 klongteoy Bangkok 10260 Thailand	02-3612707
10	Sirikul	Tienpasuk	24/2 Sathom Bangkok 10260 Thailand	02-6379250
16	Chukieat	Viravanichai	10/10 Bangjak Prakanhong Bangkok 10260 Thailand	02-3931579
17	Aooddy	Coolguy	24/2-3 klongteoy Bangkok 10250 Thailand	02-229-442
26	Annop	ongsirikul	24/2 klongteoy Bangkok 10250 Thailand	02-229-442

Start Web... Fig... Edit... Pra... bis4... Cu... Fig... 8:42

Figure C-3 Customer Report

Customer Detail - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites History

Royal Teaks Company
 6/5 Sukhumvit 14 Klong Teov Bangkok 10110
 Tel: 02 -229-4424 Fax:02-229-4535

Customer Profiles

Customer Name:	Pongsan
Customer Surname:	Viravanichai
Address:	10/10 Bangjak Prakanhong Bangkok 10260
Telephone Number:	02-3612707
Postal Code:	10260
Country:	Thailand

Customer Sales Order History

Order ID	Order Items	Date
5	Round Dining Table Set	2003-03-07

Print This Page

POWER BY ROYALTEAKS.COM

Start Web... Figu... Edit... Pra... bis4... Cu... Figu... 8:43

Figure C-4 Customer Sales order history report

Customer Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help


Back Search Favorites History

Royal Teaks Company
6/3 Sukhumvit 14 Klong Teov Bangkok 10110
Tel: 02 -229-4424 Fax:02-229-4533

Product Report

Product ID	Product Name	Price	Categories	Wood Type
TK80011	Round Dining Table Set	40000.00	Table	Rose Wood
RW8114	Garden chair	35000.00	Garden set	Rose Wood
TK81114	Day Bed	25000.00	Bed	Antique
RW80011	Round Tea Set	25000.00	Tea Set	Antique

Now, there are 4 product(s) posted on the website

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Figure C-5 Product report

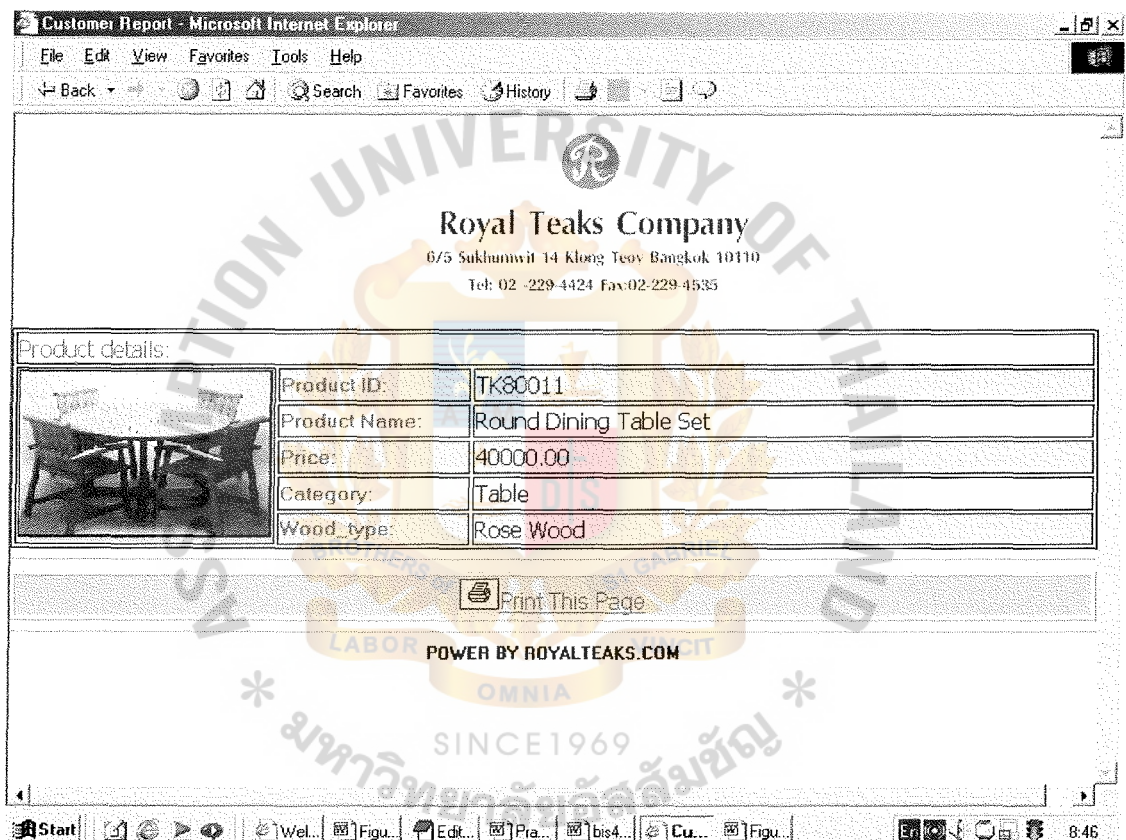


Figure C-6 Product details report

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