

# Review 1

# 1.Problem Defintion.

Camp connection is general stores selling various fast moving consumer goods (FMCG). The store is in existence from almost 5 years and now they are growing very fast. They have more product and the large amount of transactions but they still maintain the registers of the various records in paper. The problems with paper are difficult to manage the large amount of transactions and product which are causing discrepancies in the data. They get misplaced and records gets lost most of the time, to find one particular record they have to go through piles of documentation, more costly,difficult to save old document and many other disagreeable. We thought computer technology will help them to overcome this problem which they are facing with paper records.

In order to solve the above problems, Our team provider of Sales and Inventory Management System (SIMS). Sales and Inventory Management System is an application that can be accessed by all the employees of the company. Users can have an easy way to manage the details of product .

General function:

## **Sale man:**

- see the status of the inventory, ie, whether a particular item is available or not etc
- Product search function by product name or product code or product category
- enter the items purchased by a customer and produce a bill forthe same
- cancel the produced bill, in case of error in entering the details, and produce a new one
- inform the sales manager about any exceptions

- get help about the system on how to use the different features of the system

### **Sale management:**

- check how many bills have been generated in the day so far, how much money is transacted in the day so far, how many bills have been cancelled so far in the day
- check how many items have been returned so far in the day
- check for any exception reports from the sales persons and correct it by contacting the inventory manager

### **Inventory management**

- Check the inventory status, minimum and maximum stock point.
- see the reports from sales Management about items that are not available and need to be kept in the inventory
- Manage export / import the product.
- generate inventory reports.

### **Admin (director)**

- add/remove new items/categories/user to the inventory
- change price of product

## **2.Customer Requirement Specification (CRS)**

### **2.1-Client.**

The application is intended for uses in Camp connection store. This software is made for all of employee in store. Every person have different function. We divided into 4 groups function:

- Function of sale man.
- Function of sale management.
- Function of inventory management.
- Function of admin (System Administrator).

### **2.2- Business/Project objective**

Assist organization in Sale And Inventory System. This includes:

- Allows sale man to allow log on the system, view, apply, close, save, cancel, resend their request and change their password.
- Allows sale management to log on the system, view, approve or reject submitted request and change their password.
- Allows Inventory management to log on the system, view, pay or reject approved request and change their password.
- Allows admin to manage department, employee, manager, accountant and policy.

### **2.3- Inputs provided by the application**

The data that shall be fed into the system will be inserted by the user of the system.

The data each user feeds to the system is different. The following are the types of data

that will be fed to the system:

- Username, password and new changed password
- New user details
- Product details and category
- Incoming product details
- Order details
- Cancelled bills
- Return products details
- Search parameter (product name, product category, product ID )
- Request and feedback of user.

## **2.4- Process involved in the application.**

After the data is fed to the system, the system will process data to generate output. The

processes that should be processed by the system are as follows:

- Authentication of existing username and password
- Save any changes to database (add, delete, update products/categories) .
- Carry the search within database
- Generate bill for the sales item
- Cancel the bills generated in case of error
- Produce invoice for the purchase order
- Produce bills or reports for return purchase
- Validate the inventory stocks
- Generate reports on minimum stock point maximum stock point and order point

## **2.5- Outputs provided by the application**

The system processes the data that is fed into the system. The system shall produce different kinds of reports as the outputs. The following are the outputs the system shall produce:

- Product lists
- Maximum stock point, minimum stock point, order point
- Detailed reports on purchase and sales
- Reports on dispatched orders
- Reports on due payment from clients over certain period of time
- Inventory trends and graphs
- User information and clients information
- Product details on execution of search query

## **2.6- Hardware Requirements**

- Processor 1.5Ghz Celeron or higher.
- 256MB RAM or higher.

## **2.7- Software Requirements**

- Java Virtual Machine
- Java editor(NetBeans IDE 7.4)
- j2sdk1.4.1\_02 (or later).
- SQL Server 2012.

## **2.8- Scope Of The Work**

The scope of this system is to provide user efficient working environment and more output can be generated through this. This system provides user friendly interface resulting in knowing each and every usability features of

the system. This system helps in tracking records so that past records can be verified through them and one can make decisions based on the past records. This system completes the work in a very less time resulting in less time consumption and high level of efficiency. This system is developed in such a way that even a native user can also operate the system easily. The calculations are made very quickly and the records are directly saved into databases and the databases can be maintained for a longer period of time. Each record can be retrieved and can be verified for the future transactions. Also this system provides high level of security for data leaking as only admin people can access the database no changes can be made in it until it verifies the user login id and password. We also have operator login through which operator can take orders but can't make changes in the database. Limited access is available to the operator.

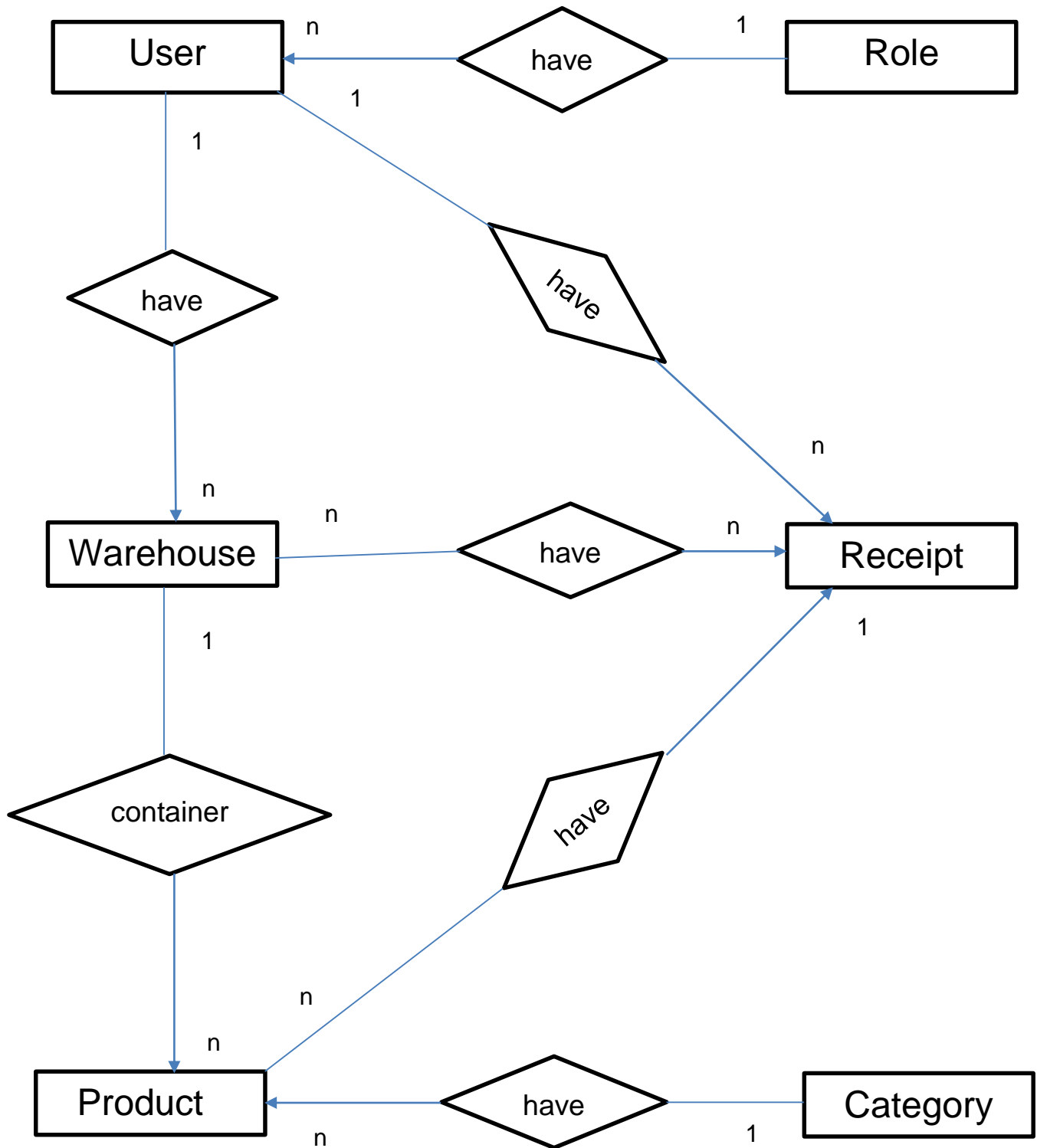
End review 1

# **Review 2**

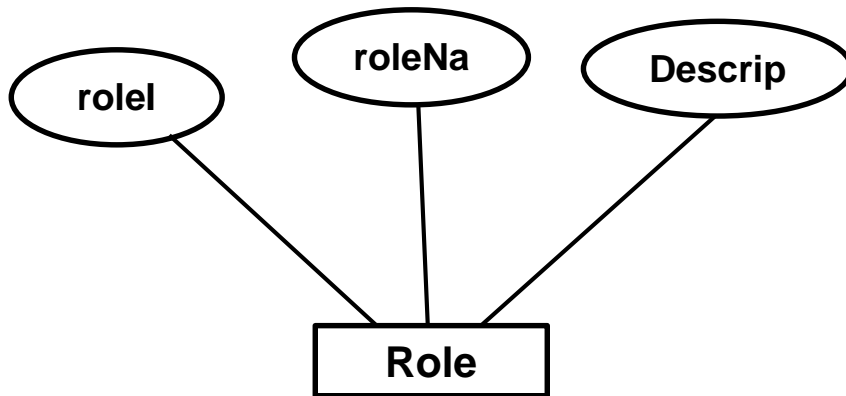


### 3 – Entity Relationship (ER) Diagrams

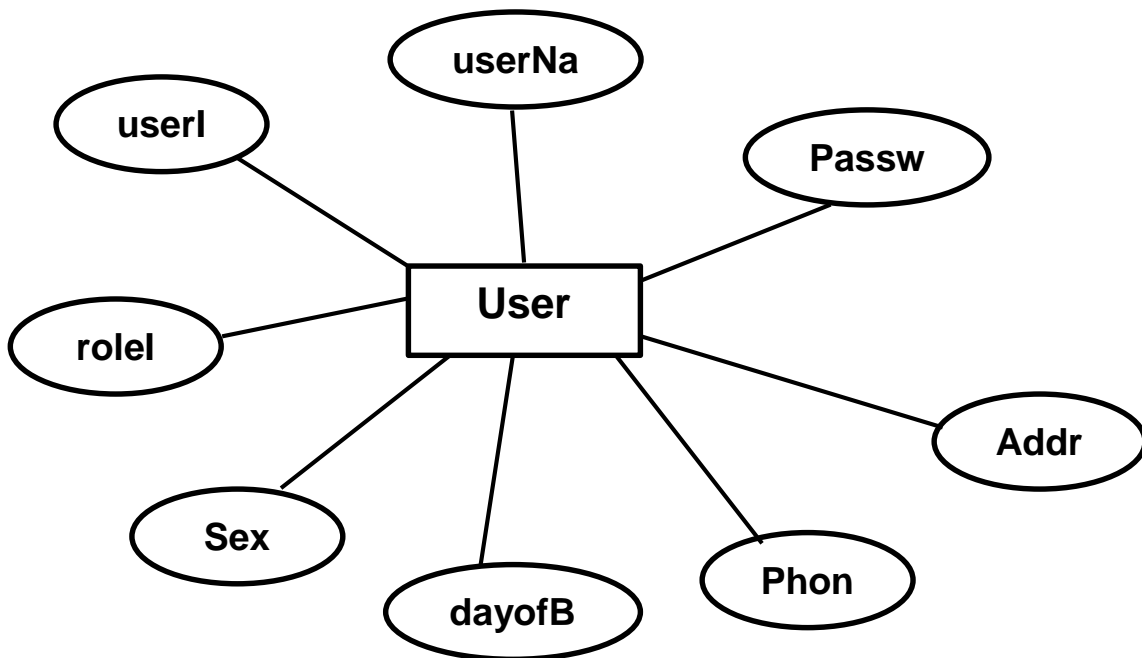
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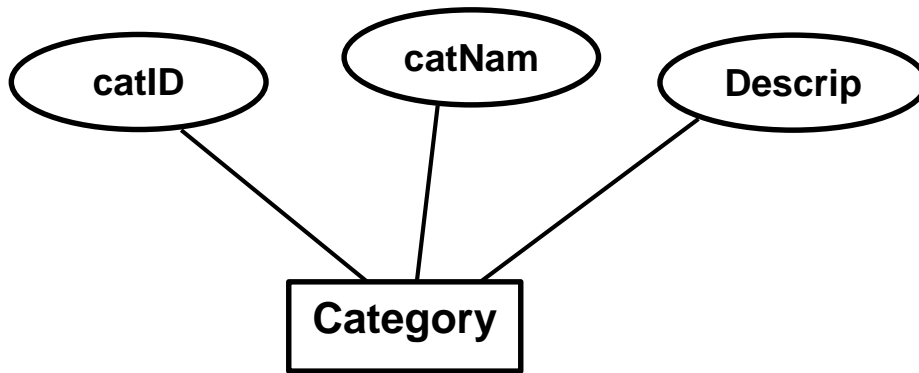
**Role entity:**



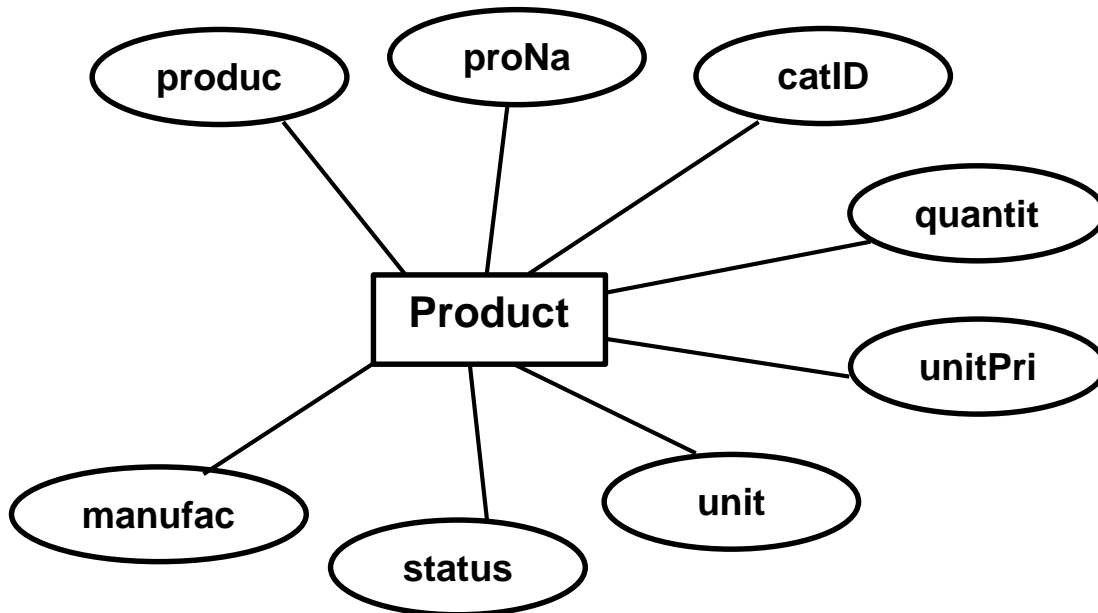
**User entity:**



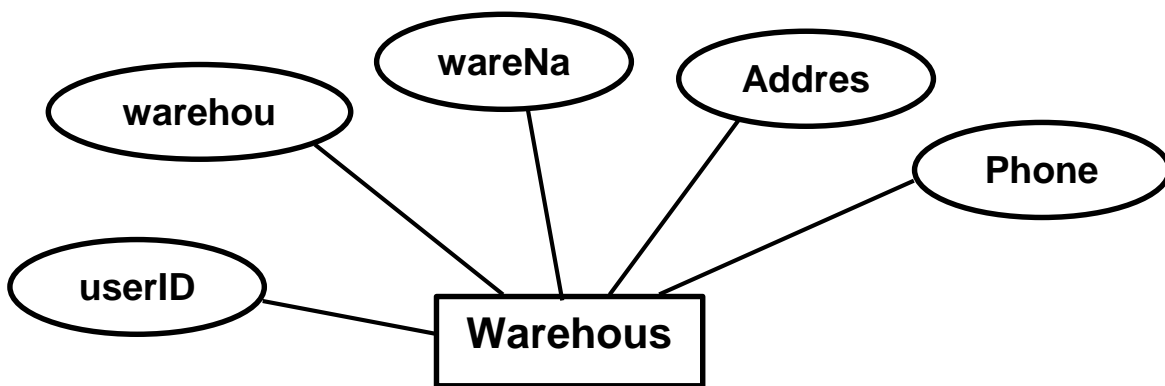
**Category entity:**



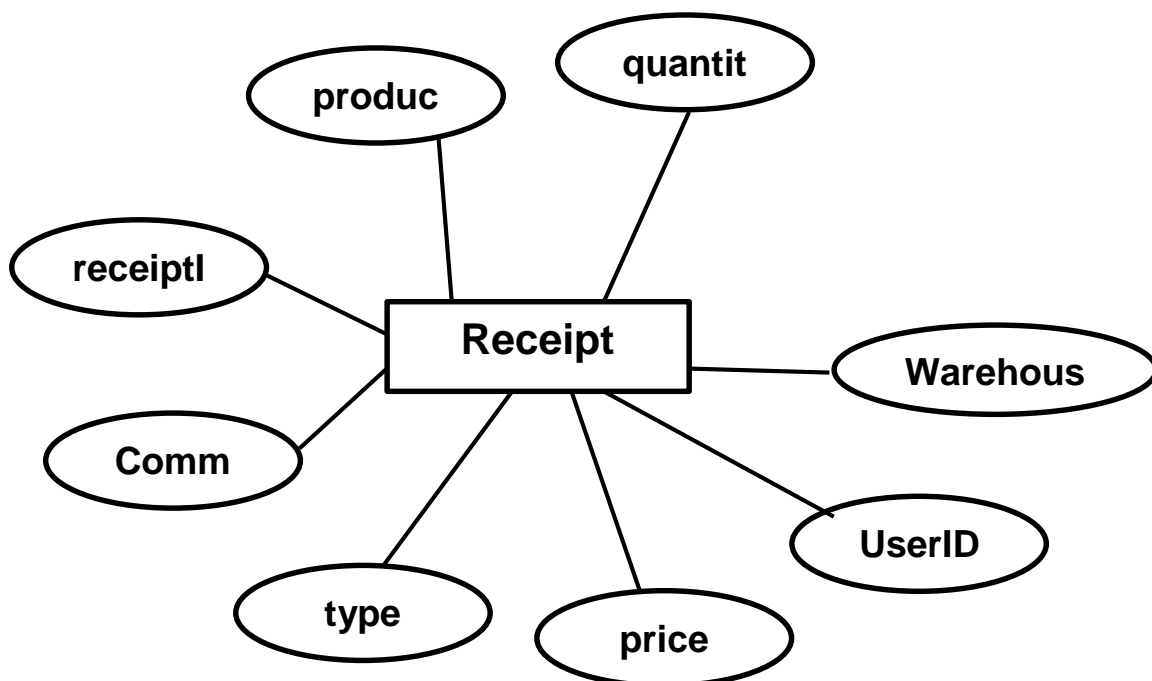
**Product entity:**



**Warehouse entity:**



**Receipt entity:**



## 4– Database Design / Structure

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***Table Role***

Column Name	Data Type	Constraints	Description
<u>RoleID</u>	Integer	Identity(1,1), Primary key	Code employee position
Role	Varchar(20)	Not null	Employee position
Description	Varchar(100)	Allow null	Description about position
Level	Integer	not null	Level administrator

***Table User.***

Column Name	Data Type	Constraints	Description
<u>userID</u>	Varchar(10)	Identity(1,1),Prim ary key	Employee Code
UseName	Varchar(40)	Not null	Employee name
Password	Varchar(20)	Not null	Password for login

RoleID	Integer	Foreign key (Role)  Not null	Role code
Sex	Byte	Not null	Sex of Employee
DOB	Datetime	Not null	Date of birth of user
Phone	Varchar(20)	Not null	Phone number of Employee
Adress	Varchar(50)	Allow null	Address of Employee

***Table category.***

Column Name	Data Type	Constraints	Description
<u>catID</u>	Integer	Identity(1,1),Primary key	Code of category
catName	Varchar(40)	Not null	Category name

Description	Varchar(100)	Allow null	Description about category
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***Table Product***

Column Name	Data Type	Constraints	Description
<u>productID</u>	Varchar(20)	Identity(1,1), Primary key	Code of product
name	Varchar(40)	Not null	Name of product
catID	Integer	Not null, Foreign key(Category)	Category code of product
Quantity	Integer	Not null	number of products
unitPrice	Integer	Not null	Price per product unit
Unit	Varchar(20);	Not null	product unit
status	Varchar(50)	Allow null	Status of product
manufacturer	Varchar(40)	Not null	name of manufacturer

### ***Table warehouse***

Column Name	Data Type	Constraints	Description
warehouseID	Varchar(10)	Identity(1,1),Primary key	Code warehouse
name	Varchar(50)	Not null	Name of warehouse
adress	Varchar(100)	Not null	Address of warehouse
phone	Varchar(20)	Not null	Phone number
UserID	Integer	Not null,Foreign key(User)	Code user



### ***Table Export***

Column Name	Data Type	Constraints	Description
billNo	Varchar(20)	Primary key	Code export receipts
date	Datetime	Not null	Time made receipts
UserID	Integer	Not null,Foreign key(User)	Code user
type	Varchar(20)	Not null	Type of export receipt
warehouseID	Integer	Not null	The place of export product

### ***Table ExportDetail***

Column Name	Data Type	Constraints	Description
detailID	Varchar(20)	Primary key	Code export detail receipts

billNo	Integer	Foreign key(Export)	Code export receipts
productID	Varchar(20)	Not null, Foreign key(Product)	Product code
quantity	Integer	Not null	Number of product
exportTo	Varchar(40)	Not null	The place which import product.
status	Integer	Allow null	Status of product
price	Integer	allow null	Price of product
type	Varchar(50).	Not null	Type of export
comment	Varchar(100)	Allow null	comment of person who export

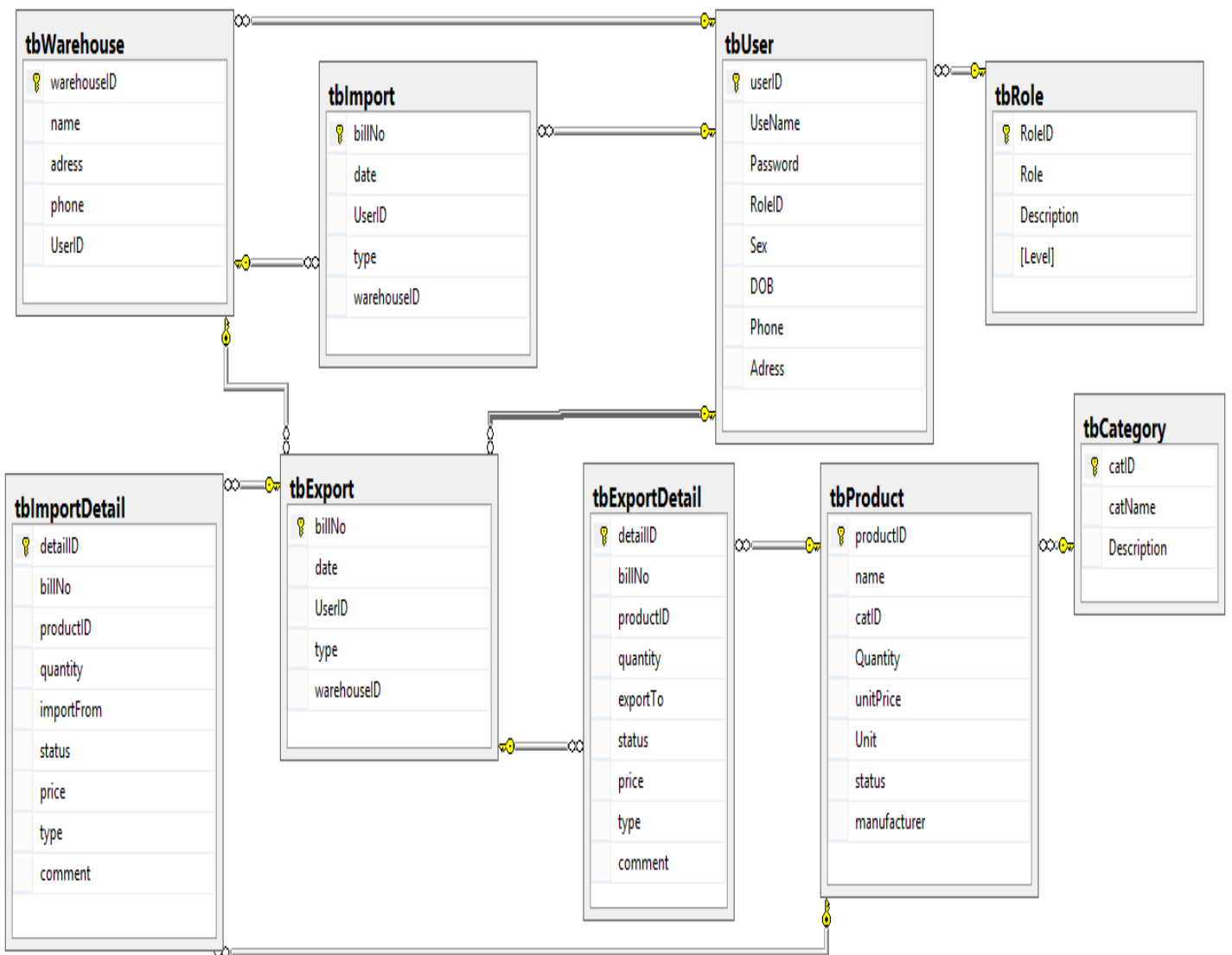
### ***Table Import***

Column Name	Data Type	Constraints	Description
billNo	Varchar(20)	Primary key	Code import receipts
date	Datetime	Not null	Time made receipts
UserID	Integer	Not null,Foreign key(User)	Code user
type	Varchar(20)	Not null	Type of import receipt
warehouseID	Integer	Not null	The warehouse which product import to

### ***Table ImportDetail***

Column Name	Data Type	Constraints	Description
detailID	Varchar(20)	Primary key	Code import detail receipts

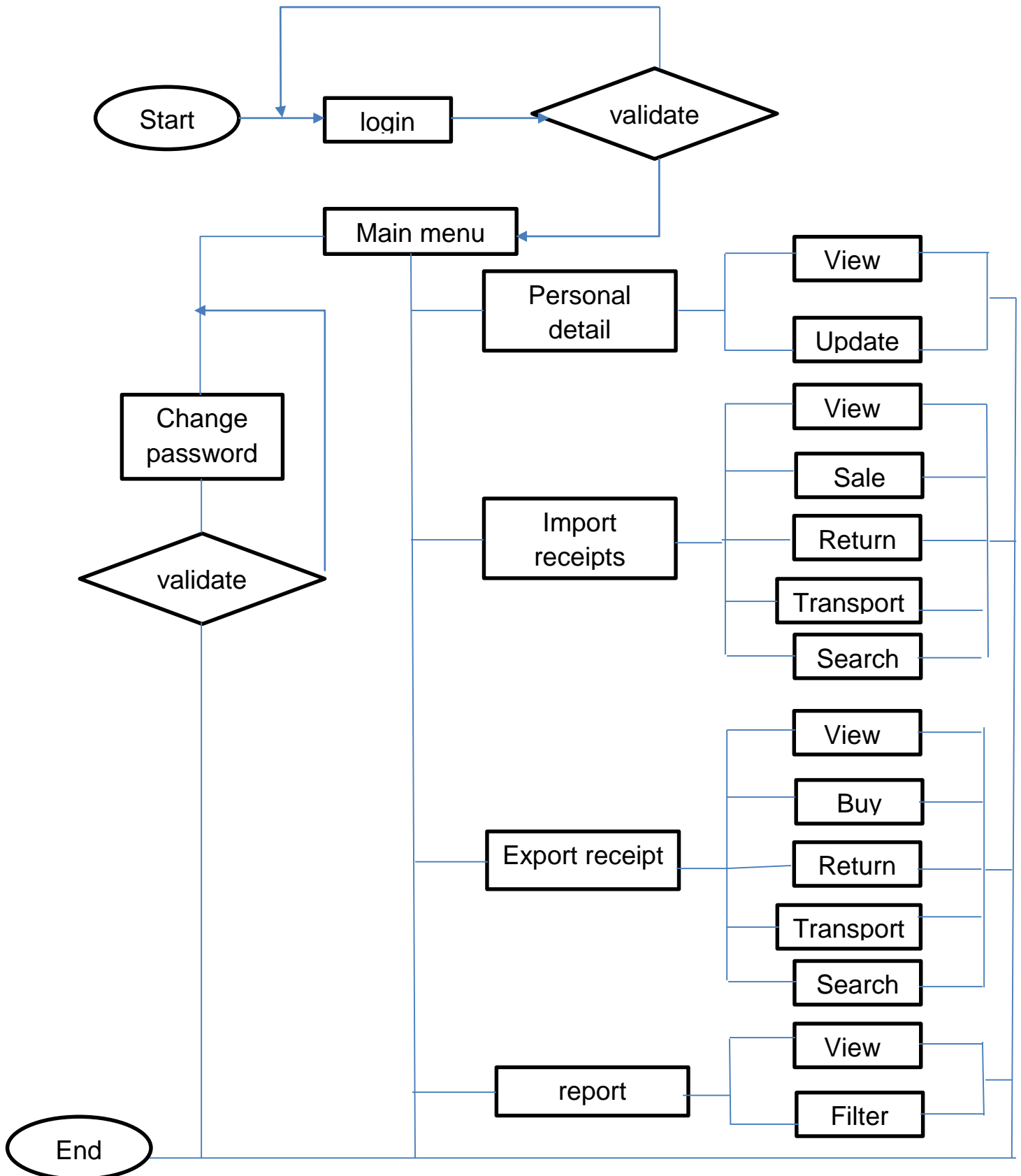
billNo	Integer	Foreign key(Export)	Code import receipts
productID	Varchar(20)	Not null, Foreign key(Product)	Product code
quantity	Integer	Not null	Number of product
importFrom	Varchar(40)	Not null	The place which import product.
status	Integer	Not null	Status of product
price	Integer	allow null	Price of product
type	Varchar(50).	Not null	Type of import
comment	Varchar(100)	Allow null	comment of person who import



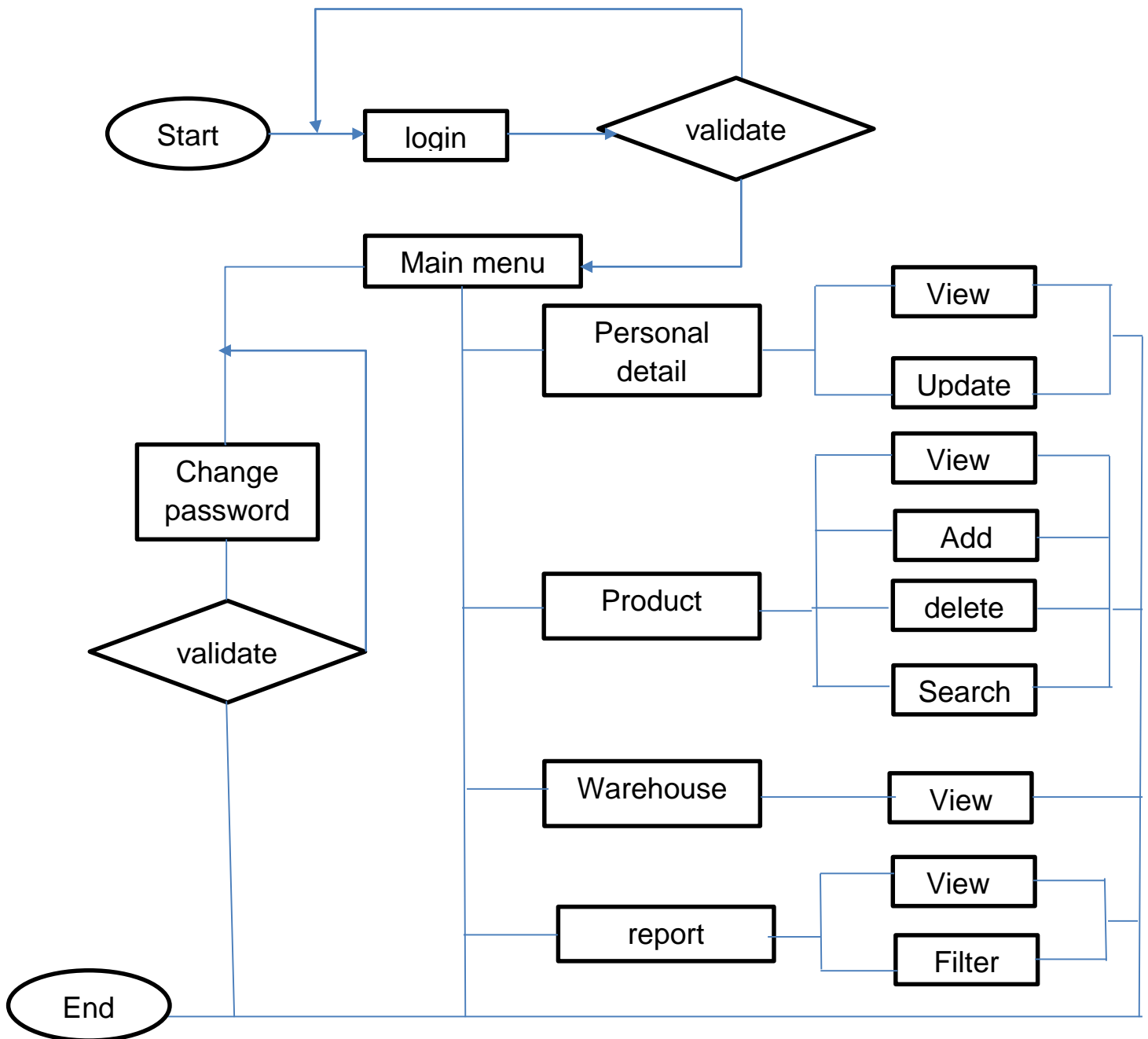
Database diaram

## 5.Function Diagrams

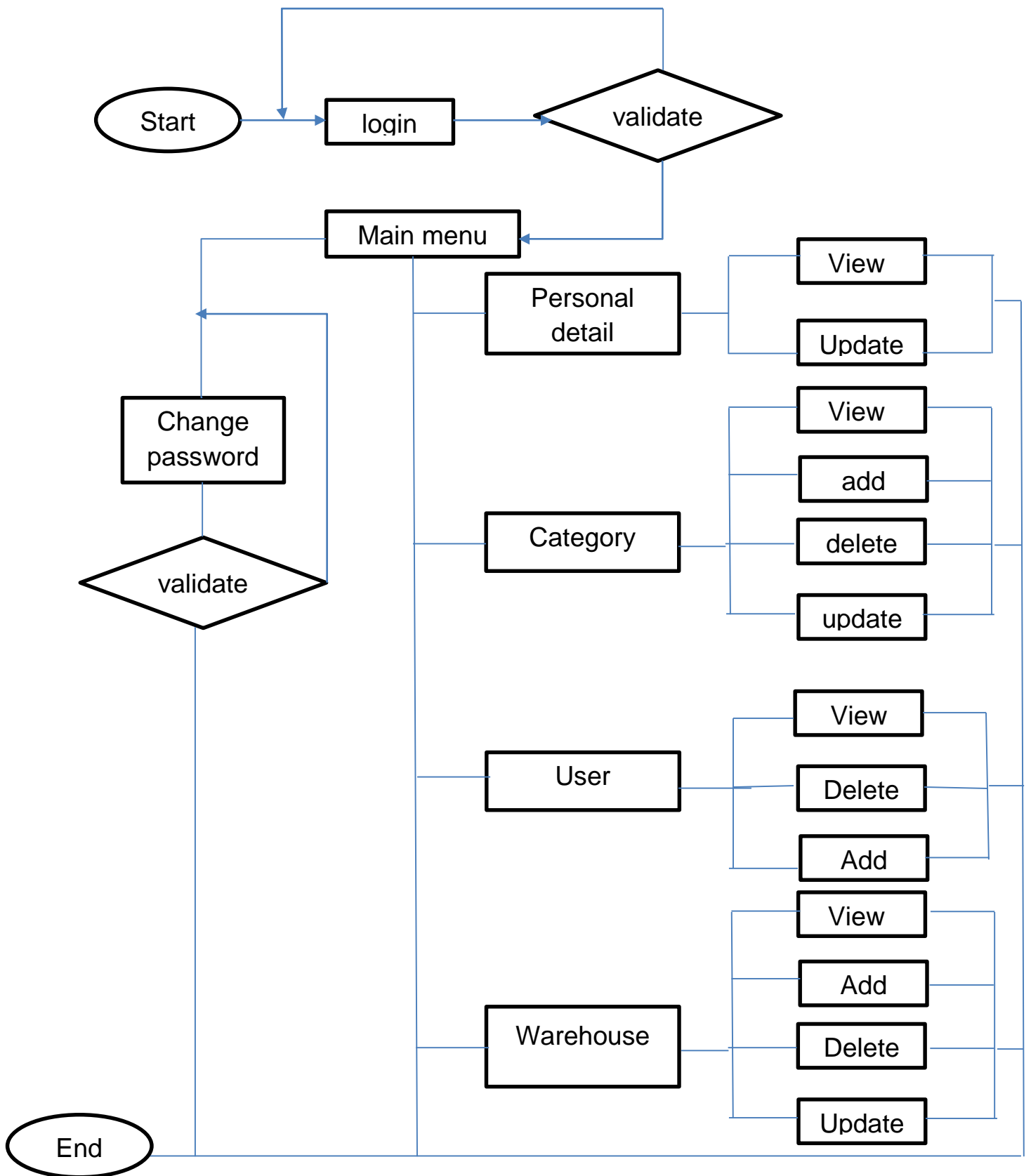
### 5.1. Inventory man



## 5.2.inventory management



## 5.3.admin





# **Review 3**

## **6- GUI Standards & Interface Design**

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### **6.1- GUI Standards**

Friendly user interface allow user to:

- Login.
- Change password and update profile.
- View all receipt in warehouse and detail of every one.
- Product receipt every time inport or export new product.
- View all information of product in warehouse.

For administrators:

- Change administrator password and profile.
- Manage user details: register a new employee into the system, delete an employee from the system.
- Manage category details: add a new category, update an existing category details or delete an existing category (with heavy restricting conditions).
- Manage warehouse details: add a new warehouse, update an existing warehouse details or delete an existing position (with heavy restricting conditions).

### **6.2- Interface Designs**

#### **6.2.1 Configuration:**

The first time the application runs, it may ask for database configurations, user can enter the required details for the application to connect to the database. Save button will save the configurations to the configuration file.

Database Configuration

**BAS Database Configuration**

Server:  Database Name:

Login ID:  Password:

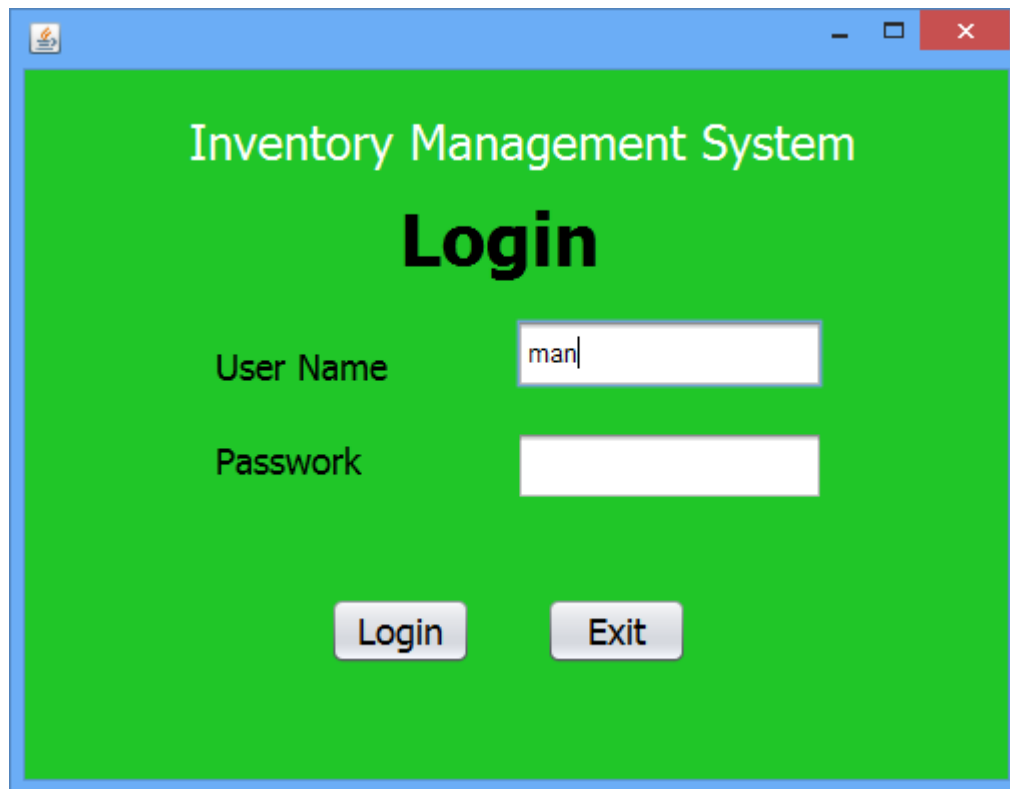
Port:  ☒ Use default port

When application can not connect to database. Error message will be show



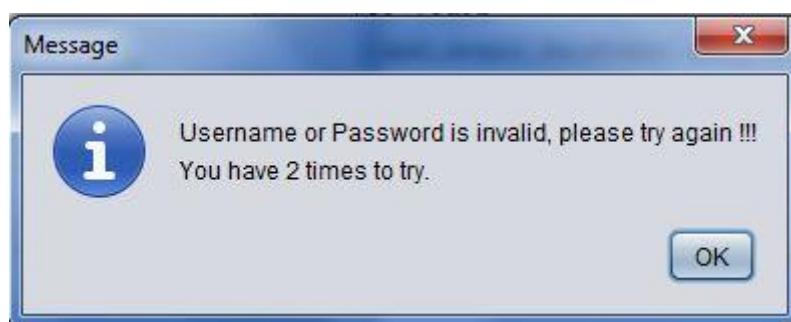
### 6.2.2 Login.

If the configurations are made correctly, from the second time onward when the application is executed, the login dialog will show up allow user to login to the system.



The image shows a Windows-style application window titled "Inventory Management System" with a green background. The word "Login" is displayed in large, bold, black text. Below it, there are two input fields: "User Name" with the text "man" entered, and "Passwork" (misspelled) which is empty. At the bottom, there are two buttons: "Login" and "Exit".

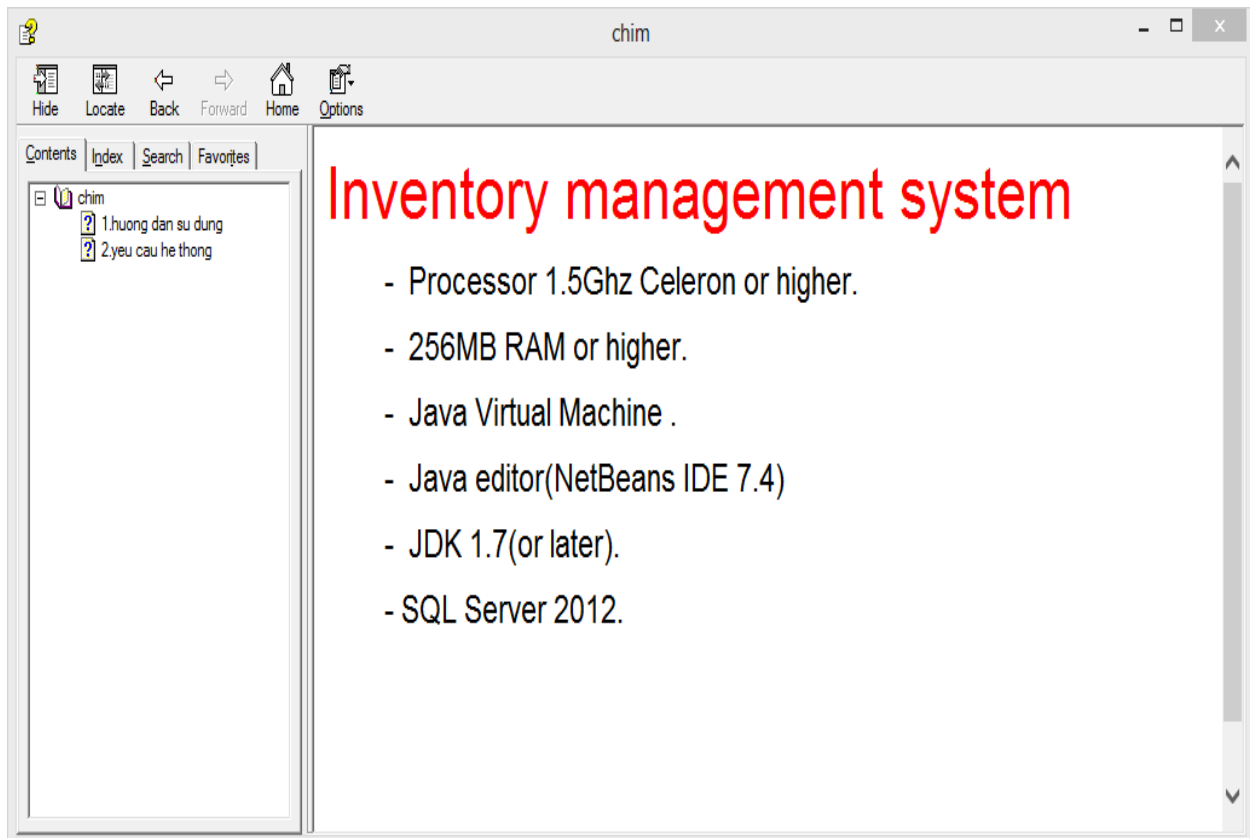
When user enter with invalid username or invalid password. Error message will be show. User has 3 times to try



### 6.2.3. Help Dialog

Users can show the Help dialog by choosing menu Help – Help Contents or by pressing Ctrl+F1.

In this Help, users can get help about the program, using various functions of the program or resolved their problems through Troubleshooting.



### 6.2.4. Inventory man

If the user is a Inventory man, the application will show the Inventory man interface. In report tab.

## In “Report” tab

User can view all information of product in your warehouse .

Table contain all the information about the product. Label number of product count number of product in warehouse.

- Button “Search” : search according condition you choose and return result in the table below.
- Button “Reset” : return back all product information in warehouse like the first time you click on the report botton.
- Button “Product need inport” : wannrnings to inventory man which product have quantity less than 50.

The screenshot shows the 'Inventory Management System' window. The top bar is blue with the title 'Inventory Management System'. Below the title bar, there is a green sidebar on the left with a 'Profile' button. The main area has a blue header with three buttons: 'Import', 'Export', and 'Report'. The 'Report' button is selected. Below the header, there is a 'Search' section with the following fields: 'Name' (dropdown menu with 'Item 1'), 'Price : From' (text input with '0'), 'To' (text input with '0'), 'Category' (dropdown menu with 'Item 1'), 'Date' (text input with 'JTextField1'), and 'Status' (dropdown menu with 'Item 1'). There are 'Search' and 'Reset' buttons. Below the search section is a table with the following columns: 'Product ID', 'Name', 'Category', 'Quantity', 'Price', 'Unit', 'Manufacturer', and 'Status'. The table is currently empty. Below the table, there is a section with 'Number of product :' followed by a text input field and a 'Product need import' button. At the bottom, there is a green bar with three buttons: 'Logout', 'Exit', and 'Help'.

Product ID	Name	Category	Quantity	Price	Unit	Manufacturer	Status
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## Profile

This tab contain all information of user. User can view and modify their information(except user name).

Button “Back” : move to the report tab.

Button “modify”: move to the modify tab.

The screenshot shows a web application window titled "Inventory Management System". The interface is divided into several sections:

- Header:** A blue bar at the top with the title "Inventory Management System" and standard window controls (minimize, maximize, close).
- Left Sidebar:** A green vertical bar containing a user profile icon and a "Profile" button.
- Top Navigation:** A blue bar with three buttons: "Import" (with a green arrow icon), "Export" (with a red arrow icon), and "Report" (with a document icon).
- Main Content Area:** A large green rectangle with the heading "Personal detail". It contains a form with the following fields:
  - User name
  - Password
  - Role
  - Phone
  - Address
  - Date of birth
  - SexEach field has a corresponding text input box.
- Form Controls:** Below the form fields are two buttons: "Back" and "Modify".
- Footer:** A green bar at the bottom containing three buttons: "Logout", "Exit", and "Help".

## modify profile.

This tab modify information of user(except user name).

Button “Reset”: clear all the filed on tab for user enter.

Button “Back” : move to the report tab.

Button “Modify” : complete update user in formation.

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a "Profile" button on the left and "Import", "Export", and "Report" buttons on the right. The main content area is light green and contains the "Modify personal information" form. The form has the following fields: "User name" (text), "Old password" (password), "New password" (password), "Reenter" (password), "Address" (text), "Date of birth" (text), "Sex" (text), and "Phone" (text). At the bottom of the form are "Reset", "Back", and "Modify" buttons. The footer of the window contains "Logout", "Exit", and "Help" buttons.

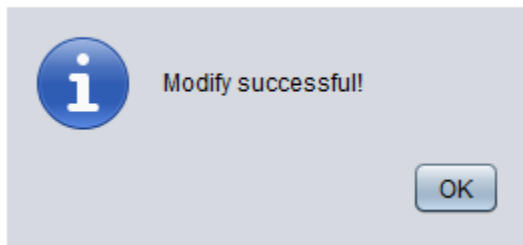
Modify personal information	
User name	<input type="text"/>
Old password	<input type="password"/>
New password	<input type="password"/>
Reenter	<input type="password"/>
Address	<input type="text"/>
Date of birth	<input type="text"/>
Sex	<input type="text"/>
Phone	<input type="text"/>

Buttons: Reset, Back, Modify

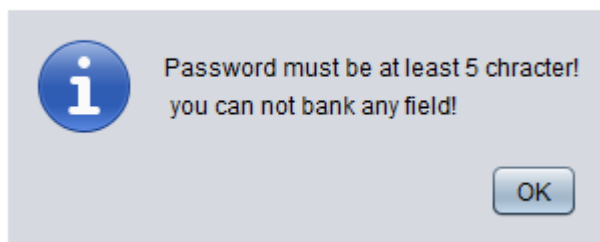
Footer: Logout, Exit, Help

If there are not problem occurs, this Message Dialog will show.





If there are error occurs, Message Dialog will show.



## Inport

The screenshot shows a software window titled 'Inventory Management System'. The interface has a blue header bar with three buttons: 'Profile' (with a user icon), 'Import' (with a green arrow icon), and 'Export' (with a red arrow icon). Below the header, there is a section titled 'Input receipts information'. This section contains a form with a 'Type' dropdown menu set to 'Item 1', a 'Date' input field, and a 'Search' button. Below the form, there are 'Detail' and 'Delete' buttons. A table with the following headers is visible: 'Receipt No', 'Date', 'Warehouse', 'Type', and 'Person'. The table body is currently empty. Below the table, there is a section titled 'New receipts' with three buttons: 'Buy', 'Transfer', and 'Return'. At the bottom of the window, there is a green bar with three buttons: 'Logout', 'Exit', and 'Help'.

This form show information of receipt in warehouse. User can search according type or date view detail of each receipt and make a new receipt.

Button “detail”: move to the form detail of each receipt.

Button “delete”: delete a receipt

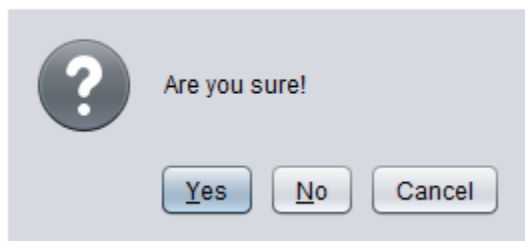
Button “search”: search with condition type and date.

Button “buy”: make a new receipt for buy a new product from manufacture.

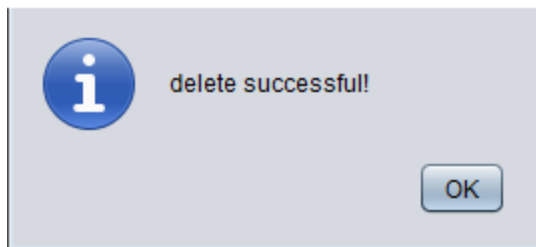
Button “Transfer”: make a new receipt for Transfer product from this warehouse to another .

Button “Return”: make a new receipt for Return product from customer

When user click delete button the confirm message will show.



When user click yes.



## Detail of receipt

Show detail information of each receipt.

Buttom “back”: move to Input receipt informaton tab.

The screenshot shows a software window titled 'Inventory Management System'. The interface has a blue header bar with a user profile icon and a 'Profile' button on the left, and three buttons labeled 'Import', 'Export', and 'Report' on the right. The main content area has a light green header with the title 'Detail of receipts'. Below this is a table with the following columns: Product ID, Name, Category, Qantity, Price, Unit, Manufacturer, Status, and Type. The table body is currently empty. At the bottom of the main area, there is a label 'Number of product :' followed by a text input field and a 'Back' button. The footer bar is light green and contains three buttons: 'Logout', 'Exit', and 'Help'.

## Buy new product

Allow user enter receipt information when buy new product.

Button “add new product”: add product information to the receipt.

Button “ok”: complete and make new receipt information and bank all field.

Button “cannel”: move to Input receipt informaton tab.

The screenshot shows a software window titled "Inventory Management System". On the left is a sidebar with a "Profile" button. The main area has a top navigation bar with "Import", "Export", and "Report" buttons. Below this is a section titled "Buy new product" containing input fields for "Receipt No", "Type", "Date", "Person", and "Buy from", along with an "Add new product" button. At the bottom is a table with columns: Name, Quantity, Manufacturer, Status, Price, Type, and Comment. The table is currently empty. At the very bottom are "OK" and "Cannel" buttons.

Name	Quantity	Manufacturer	Status	Price	Type	Comment
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## Transfer

Allow user enter receipt information when transfer product from warehouse to another.

Button “add new product”: add product information to the receipt.

Button “ok”: complete and make new receipt information and bank all field.

Button “cannel”: move to Input receipt informaton tab.

The screenshot shows a software window titled "Inventory Management System". The interface is divided into several sections:

- Top Bar:** Contains a "Profile" button with a user icon, and three buttons: "Import" (with a green arrow icon), "Export" (with a red arrow icon), and "Report" (with a pie chart icon).
- Section Header:** A green bar with the text "Transfer product".
- Form Fields:** A light gray area containing input fields for "Receipt No", "Type", "Date", "Person", and "Warehouse". There is also a button labeled "Add new product".
- Table:** A table with 7 columns: "Name", "Quantity", "Manufacturer", "Status", "Price", "Type", and "Comment". The table body is currently empty.
- Buttons:** Below the table are two buttons: "OK" and "Cannel" (note the spelling).
- Footer:** A green bar at the bottom containing three buttons: "Logout", "Exit", and "Help".

## Return product

Allow user enter receipt information when customer return product .

Button “add new product”: add product information to the receipt.

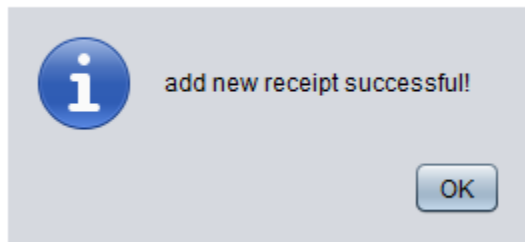
Button “ok”: complete and make new receipt information and bank all field.

Button “cannel”: move to Input receipt informaton tab.

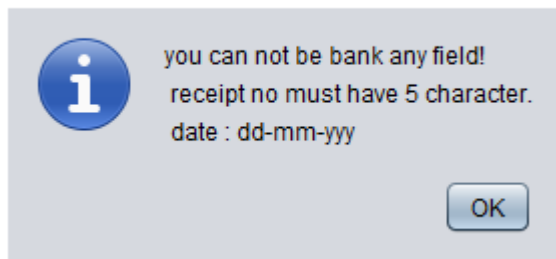
The screenshot shows a software window titled "Inventory Management System". On the left is a sidebar with a "Profile" button. The top navigation bar contains "Import", "Export", and "Report" buttons. The main area is titled "Return product" and contains input fields for "Receipt No", "Type", "Date", "Person", and "from". An "Add new product" button is located next to the "from" field. Below these fields is a table with columns: Name, Quantity, Manufacturer, Status, Price, Type, and Comment. The table is currently empty. At the bottom of the window are "OK" and "Cannel" buttons.

Name	Quantity	Manufacturer	Status	Price	Type	Comment
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When user click “ok” button to complete make new receipt. If there isn’t problem message will show.



If there are an error the message will show.



Add new product to receipt:

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a "Profile" button on the left and three action buttons ("Import", "Export", "Report") on the right. The main content area is light green and contains a form titled "Add new product to receipt". The form has five input fields: "Name", "Quantity", "Status", "Price", and "Comment". At the bottom of the form are three buttons: "OK", "Cannel", and "Reset".

Inventory Management System

Profile

Import Export Report

**Add new product to receipt**

Name

Quantity

Status

Price

Comment

OK Cannel Reset

This form allow a new product to receipt.

Button "ok": complete add new product to receipt.

Button "reset": clear all the field for new product.

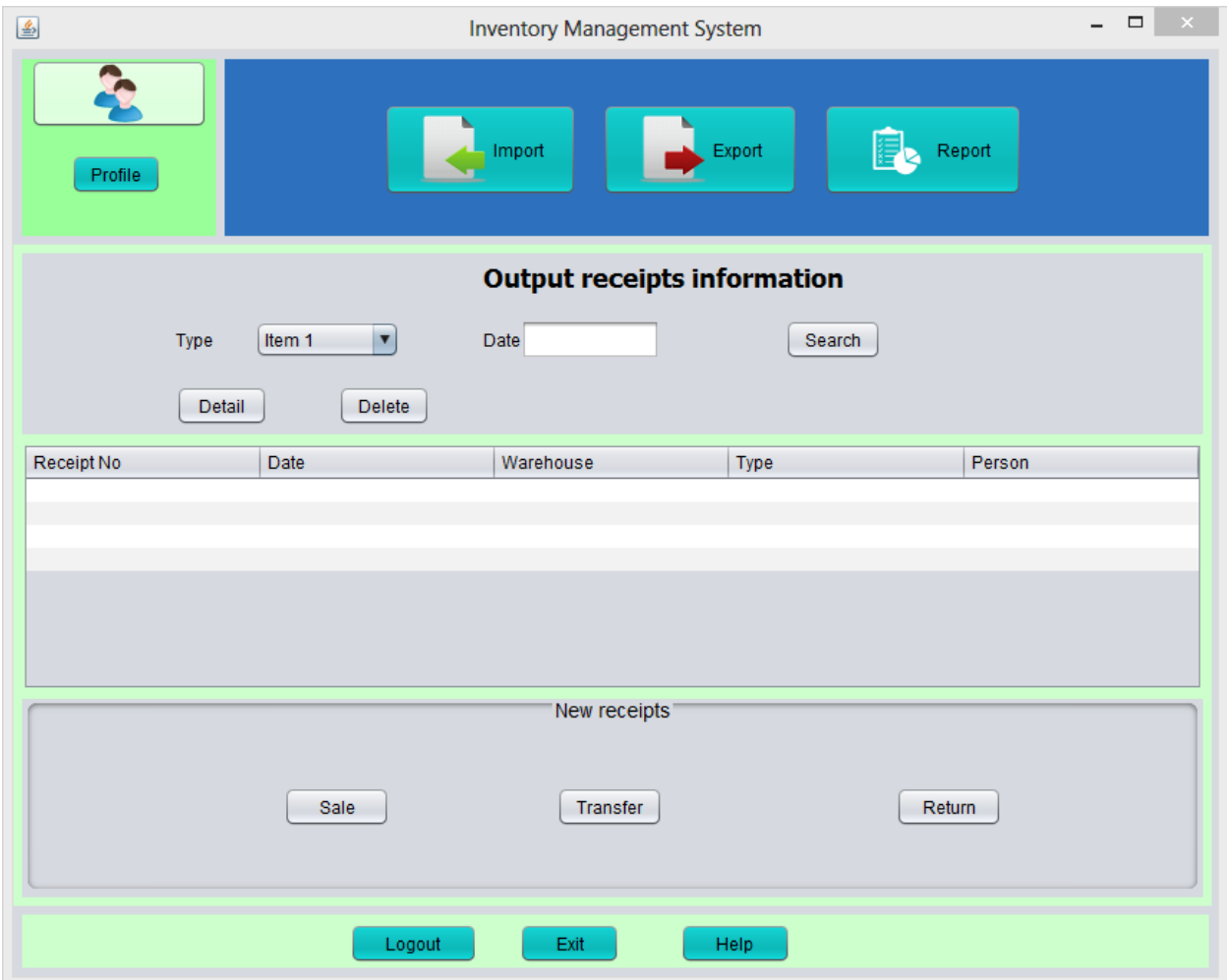
Button "cannel": move to the add new receipt form.

If there is problem message will show.





OK



This form show information of receipt in warehouse. User can search according type or date view detail of each receipt and make a new receipt when export product from warehouse.

Button “detail”: move to the form detail of each receipt.

Button “delete”: delete a receipt

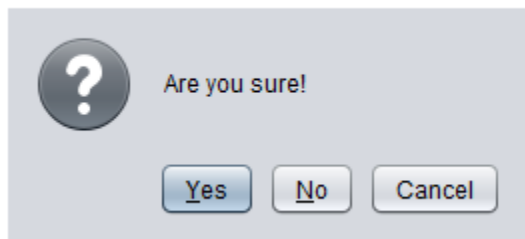
Button “search”: search with condition type and date.

Button “sale”: make a new receipt for sale product from manufacture.

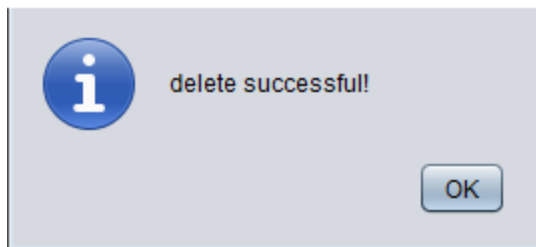
Button “Transfer”: make a new receipt for Transfer product from warehouse to another .

Button “Return”: make a new receipt for Return product to manufacture

When user click delete button the confirm message will show.



When user click yes.



## Detail of receipt

Show detail information of each receipt.

Buttom “back”: move to Input receipt informaton tab.

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a "Profile" button on the left and three buttons ("Import", "Export", "Report") on the right. Below the header is a light green section titled "Detail of receipts". Under this title is a table with the following columns: Product ID, Name, Category, Qantity, Price, Unit, Manufacturer, Status, and Type. The table body is currently empty. At the bottom of the interface, there is a gray bar containing the text "Number of product :" followed by an empty input field and a "Back" button. The very bottom of the window has a light green bar with three buttons: "Logout", "Exit", and "Help".

Product ID	Name	Category	Qantity	Price	Unit	Manufacturer	Status	Type
------------	------	----------	---------	-------	------	--------------	--------	------

## Sale product

Allow user enter receipt information when sale product.

Button “add new product”: add product information to the receipt.

Button "ok": complete and make new receipt information and bank all field.

Button “cannel”: move to output receipt informaton tab.

[illegible]

## Transfer

Allow user enter receipt information when transfer product from warehouse to another.

Button “add new product”: add product information to the receipt.

Button “ok”: complete and make new receipt information and bank all field.

Button “cannel”: move to output receipt informaton tab.

The screenshot shows a software window titled "Inventory Management System". The interface is divided into several sections:

- Top Bar:** Contains a "Profile" button with a user icon, and three buttons: "Import" (with a left arrow icon), "Export" (with a right arrow icon), and "Report" (with a document icon).
- Section Header:** A green bar with the text "Transfer product".
- Form Fields:** A light gray area containing input fields for "Receipt No", "Type", "Date", "Person", and "Warehouse". There is also an "Add new product" button.
- Table:** A table with 7 columns: "Name", "Quantity", "Manufacturer", "Status", "Price", "Type", and "Comment". The table body is currently empty.
- Buttons:** "OK" and "Cannel" buttons are located below the table.
- Footer:** A green bar at the bottom containing "Logout", "Exit", and "Help" buttons.

## Return product

Allow user enter receipt information when product have problem and they decide return manufacture.

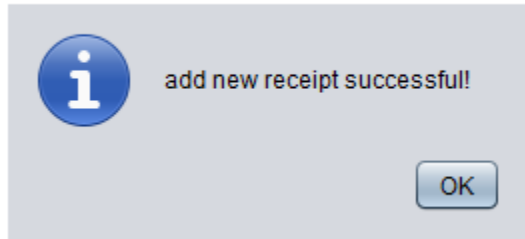
Button “add new product”: add product information to the receipt.

Button "ok": complete and make new receipt information and bank all field.

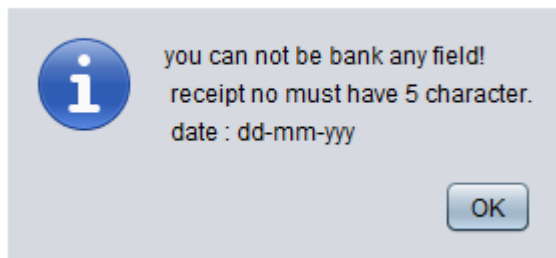
Button “cannel”: move to output receipt informaton tab.

[illegible]

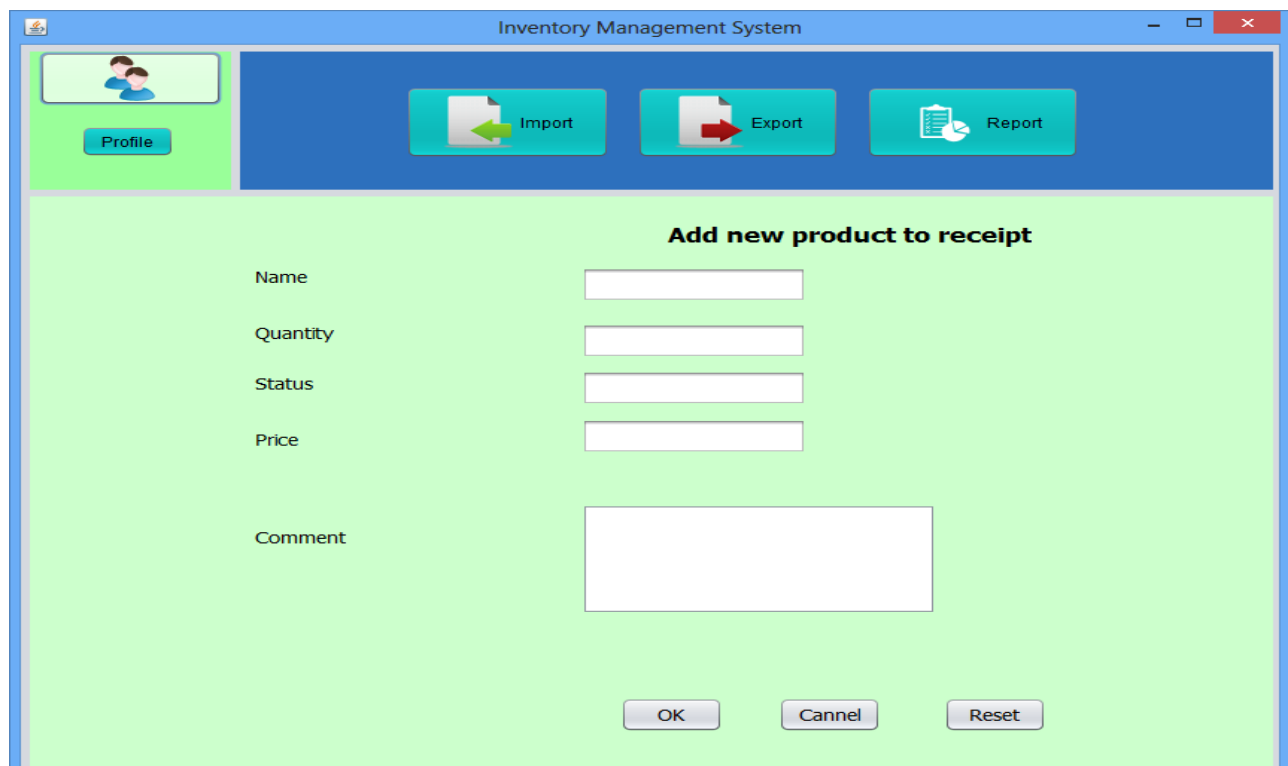
When user click “ok” button to complete make new receipt. If there isn’t problem, message will show.



If there are an error the message will show.



Add new product to receipt:

A screenshot of a web application window titled "Inventory Management System". The window has a blue header bar with a "Profile" button on the left and "Import", "Export", and "Report" buttons on the right. The main content area has a light green background and is titled "Add new product to receipt". It contains five input fields: "Name", "Quantity", "Status", "Price", and "Comment". At the bottom, there are three buttons: "OK", "Cannel", and "Reset".

Add new product to receipt	
Name	<input type="text"/>
Quantity	<input type="text"/>
Status	<input type="text"/>
Price	<input type="text"/>
Comment	<input type="text"/>
<input type="button" value="OK"/> <input type="button" value="Cannel"/> <input type="button" value="Reset"/>	

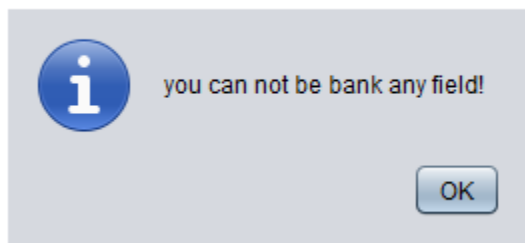
This form allow a new product to receipt.

Button “ok”: complete add new product to receipt.

Button “reset”: clear all the field for new product.

Button “cannel”: move to the add new receipt form.

If there is problem message will show.



#### **6.2.4 Inventory management.**

If the user is a Inventory management, the application will show the

##### **Profile**

This tab contain all information of user. User can view and modify their information(except user name).

Button “Back” : move to the warehouse tab.

Button “modify”: move to the modify tab.



The screenshot shows a web application window titled "Inventory Management System". On the left, there is a sidebar with a user icon and a "Profile" button. The main header contains two buttons: "Warehouse" (with a house icon) and "Product" (with a bar chart icon). The central area is titled "Personal detail" and contains a form with the following fields: "User name", "Password", "Role", "Phone", "Address", "Date of birth", and "Sex". Each field has a corresponding text input box. Below the form are two buttons: "Back" and "Modify". At the bottom of the window, there are three buttons: "Logout", "Exit", and "Help".

### **modify profile.**

This tab modify information of user(except user name).

Button “Reset”: clear all the filed on tab for user enter.

Button “Back” : move to the report tab.

Button “Modify” : complete update user in formation.

Inventory Management System

Profile

Warehouse

Product

### Modify personal information

User name

Old password

New password

Reenter

Address

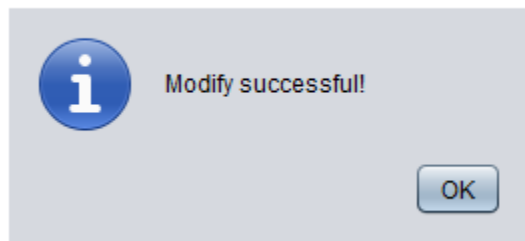
Date of birth

Sex

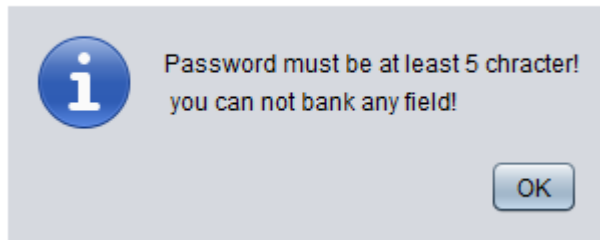
Phone

Reset Back Modify

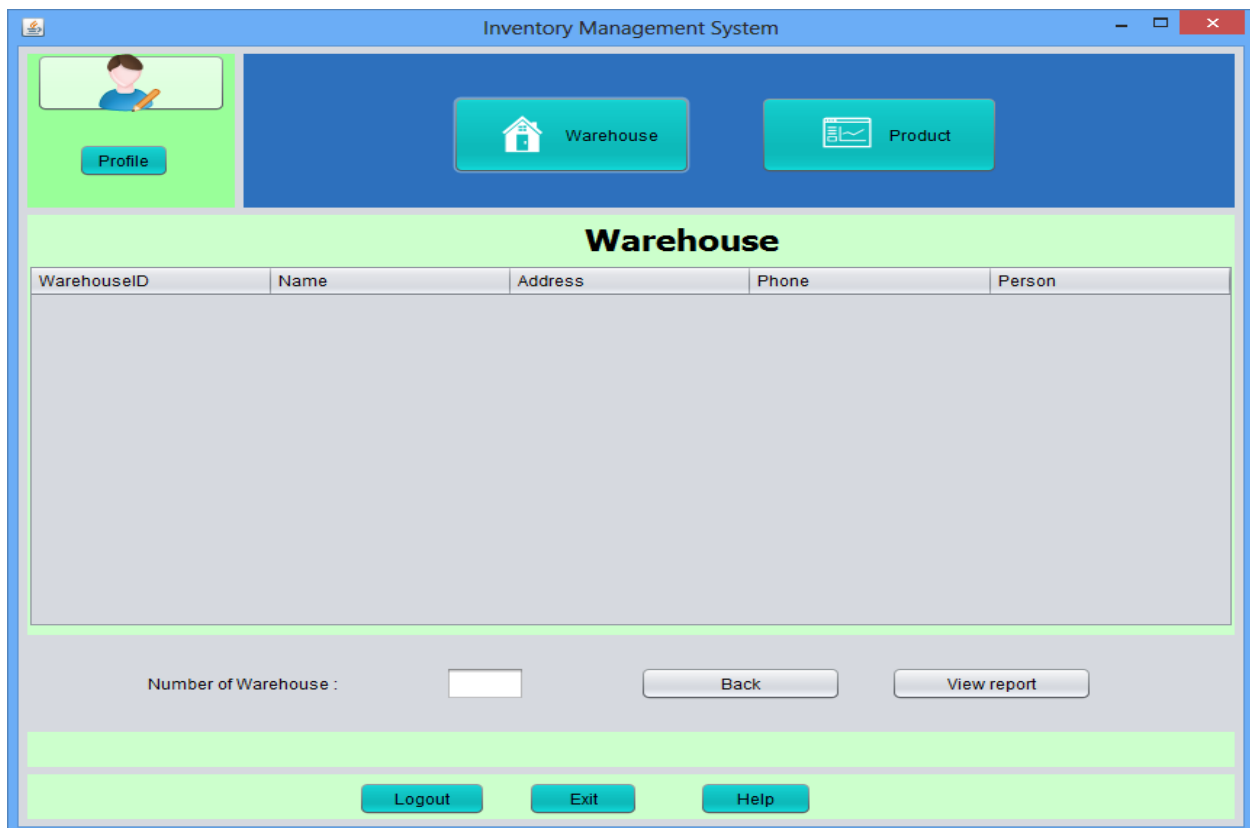
If there are not problem occurs, this Message Dialog will show.



If there are error occurs, Message Dialog will show.



## Warehouse



This form show information about all warehouse of company amd allow management view report of every warehouse.

Button “view report”: allow management view tab report of each warehouse.

View report interface:

Management can view detail product of every warehouse.

They also can search width difference condition.

The screenshot displays the 'Inventory Management System' window. It features a sidebar with a 'Profile' button and a main area with 'Warehouse' and 'Product' buttons. A search section includes filters for Name, Price (From/To), Category, Date, and Status, with 'Search' and 'Reset' buttons. Below is a table with columns: Product ID, Name, Category, Qantity, Price, Unit, Manufacturer, and Status. At the bottom, there is a 'Number of product' field and a footer with 'Logout', 'Exit', and 'Help' buttons.

Product ID	Name	Category	Qantity	Price	Unit	Manufacturer	Status
------------	------	----------	---------	-------	------	--------------	--------

## Product

User can view information of all product in this tab.

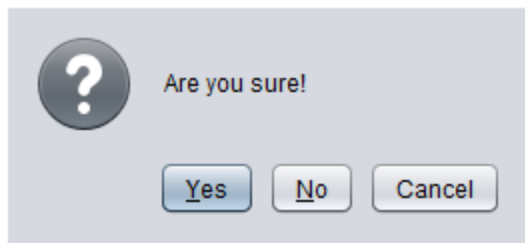
Button “add new”: allow management add new product which don't have in list of product.

Button: “delete”: allow delete a product in list. They can choose a product then click delete.

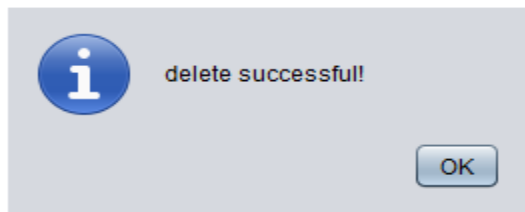
The screenshot displays the 'Inventory Management System' window. The title bar includes standard window controls. The interface features a sidebar with a 'Profile' button and a main content area with 'Warehouse' and 'Product' buttons. A search section contains fields for Name, Category, Price (From/To), Date, and Status, along with 'Search' and 'Reset' buttons. Below the search section is a table with columns: Product ID, Name, Category, Qantity, Price, Unit, Manufacturer, and Status. At the bottom, there is a 'Number of product' field, 'Add new' and 'Delete' buttons, and a footer with 'Logout', 'Exit', and 'Help' buttons. A message dialog box is overlaid on the top right, stating 'You need a rest break...' with a timer 'Disappears in 0:16'.

Product ID	Name	Category	Qantity	Price	Unit	Manufacturer	Status
------------	------	----------	---------	-------	------	--------------	--------

When you click delete button, there are a message dialog will be show.



If management click yes:



Form add new product:

The screenshot shows a window titled "Inventory Management System". The interface has a blue header bar and a light green main content area. On the left, there is a sidebar with a user profile icon and a "Profile" button. The top navigation bar contains two buttons: "Warehouse" (with a house icon) and "Product" (with a document icon). The main content area is titled "Add new product" and contains a form with the following fields:

- Product ID:
- Name:
- Category:
- Unit price:  (with a spinner control)
- Unit:
- Status:
- Manufacture:

At the bottom of the form are three buttons: "OK", "Cannel", and "Reset". At the very bottom of the window are three buttons: "Logout", "Exit", and "Help".

Allow user add new product to list of product. This product must be not have in list.

Button “ok”: confirm complete add new product.

Button “cancel”: move to the product detail tab.

Button “reset”: bank all field.

#### **6.2.6-Admin interface.**

If the user is a Admin , the application will show the admin interface. In warehouse tab.

##### **Profile**

This tab contain all information of user. User can view and modify their information(except user name).

Button “Back” : move to the warehouse tab.

Button “modify”: move to the modify tab.

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a navigation menu containing icons and labels for "Profile", "Warehouse", "Category", and "User". The "Profile" section is active, displaying a "Personal detail" form. The form includes input fields for "User name", "Password", "Role", "Phone", "Address", "Date of birth", and "Sex". Below the form are "Back" and "Modify" buttons. At the bottom of the window are "Logout", "Exit", and "Help" buttons.

Personal detail	
User name	<input type="text"/>
Password	<input type="password"/>
Role	<input type="text"/>
Phone	<input type="text"/>
Address	<input type="text"/>
Date of birth	<input type="text"/>
Sex	<input type="text"/>
<div>Back      Modify</div>	

Logout   Exit   Help

### **modify profile.**

This tab modify information of user(except user name).

Button “Reset”: clear all the filed on tab for user enter.

Button “Back” : move to the report tab.

Button “Modify” : complete update user in formation.



Inventory Management System

Profile Warehouse Category User

### Modify personal information

User name

Old password

New password

Reenter

Address

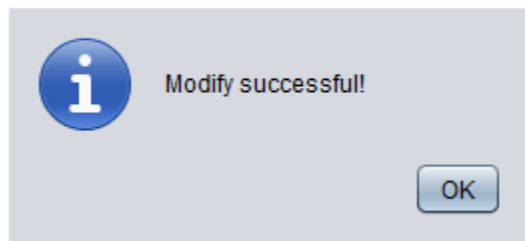
Date of birth

Sex

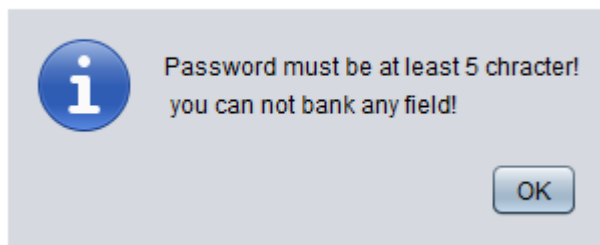
Phone

Reset Back Modify

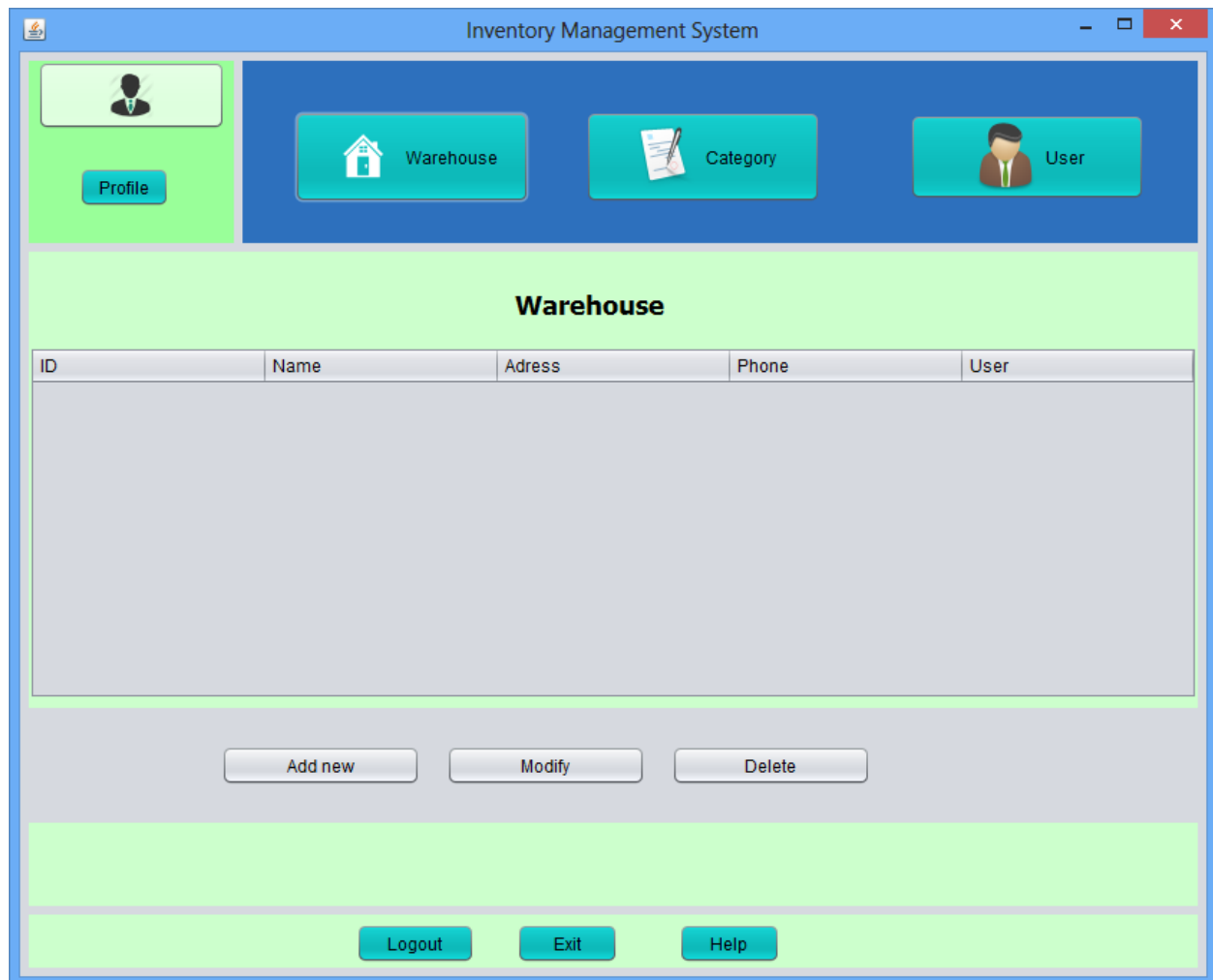
If there are not problem occurs, this Message Dialog will show.



If there are error occurs, Message Dialog will show.



## Warehouse.



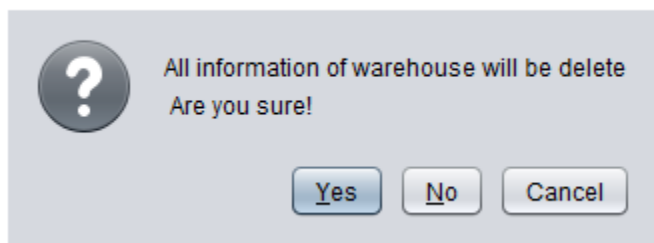
This form show information of all warehouse of company, admin can go to form add new, modify from this form.

Button “Add new ”: go to form add a new warehouse to the list of warehouse.

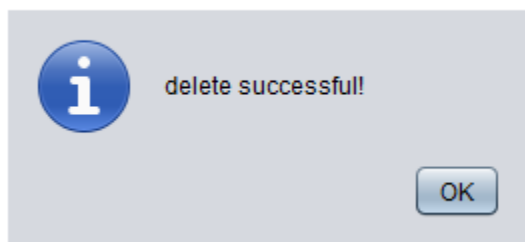
Button “Modify ”: go to form modify a warehouse information if admin want to.

Button “delete”: admin can delete a warehouse in list by click to this button

When admin click on “delete” button this message will be show.



When user click yes:



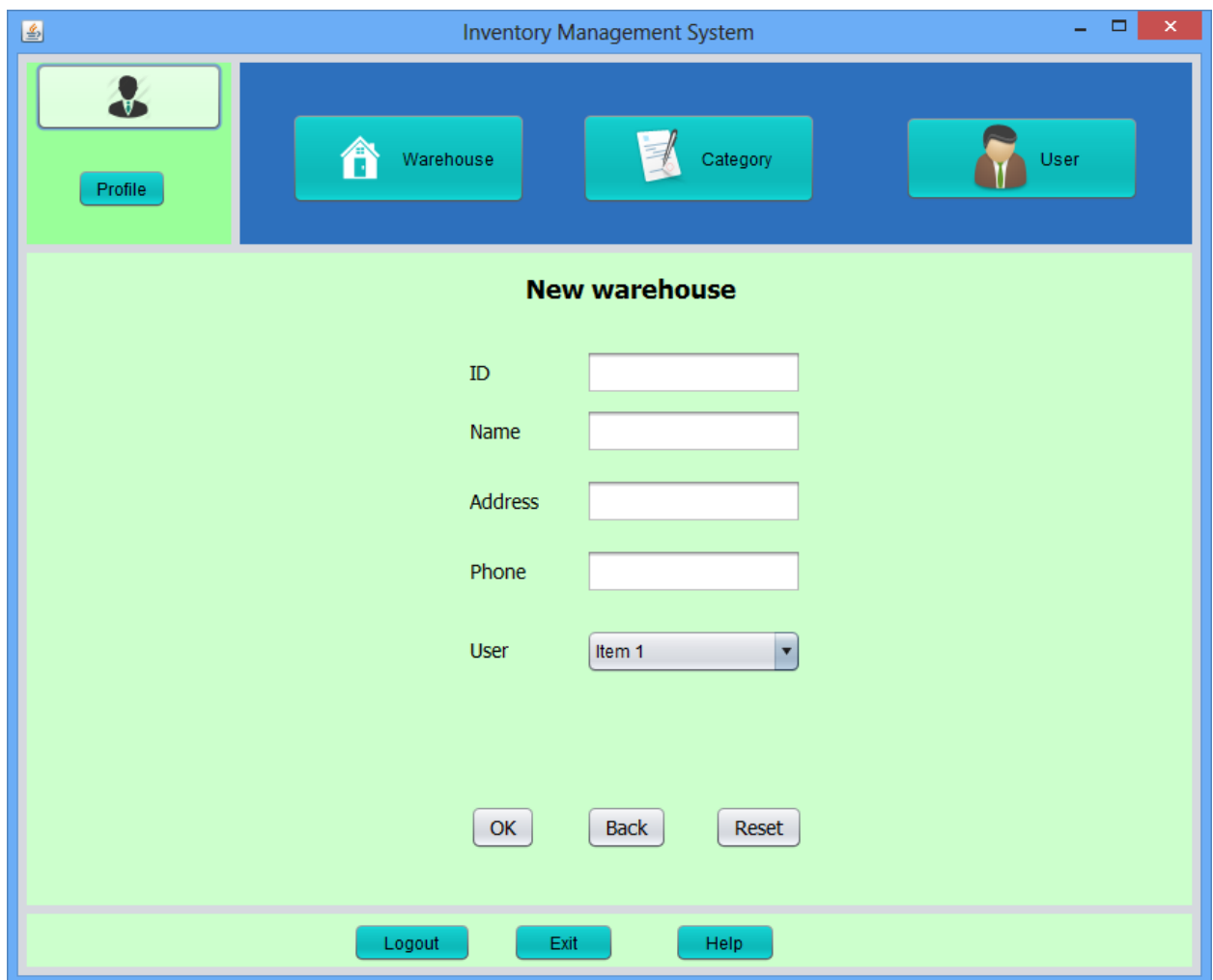
### Add new warehouse:

This form uses for add new warehouse to list.

Button “back”: move to warehouse information.

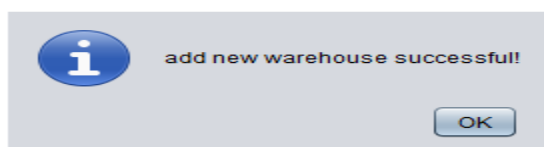
Button “reset”: clear all field in this form.

Button “ok”: confirm add new warehouse.

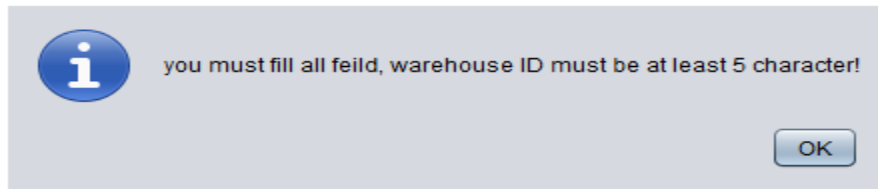


The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with three navigation buttons: "Warehouse" (with a house icon), "Category" (with a document icon), and "User" (with a person icon). On the left, there is a green sidebar with a "Profile" button (with a person icon). The main content area has a light green background and is titled "New warehouse". It contains five input fields: "ID", "Name", "Address", "Phone", and "User". The "User" field is a dropdown menu currently showing "Item 1". At the bottom of the form, there are three buttons: "OK", "Back", and "Reset". At the very bottom of the window, there are three buttons: "Logout", "Exit", and "Help".

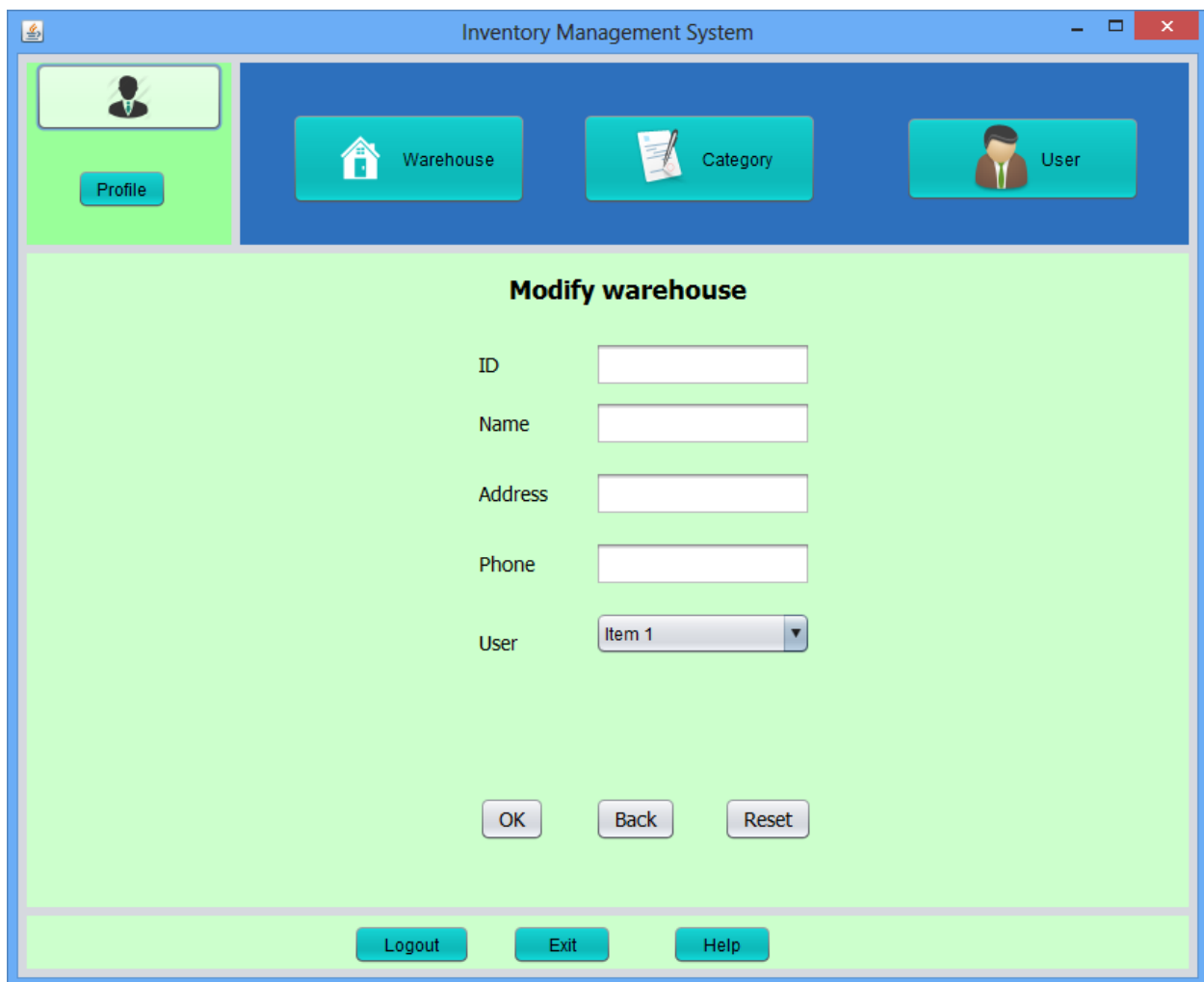
If warehouse add successful, message will be show:



If there is any error, this message will be show:



## -Modify warehouse

A screenshot of a web application window titled "Inventory Management System". The window has a blue header bar with a small icon on the left and standard window controls on the right. Below the header is a navigation bar with three buttons: "Profile" (green), "Warehouse" (teal with a house icon), and "Category" (teal with a notepad icon). To the right of "Category" is a "User" button with a person icon. The main content area has a light green background and is titled "Modify warehouse". It contains five input fields: "ID", "Name", "Address", "Phone", and "User". The "User" field is a dropdown menu currently showing "Item 1". At the bottom of the form are three buttons: "OK", "Back", and "Reset". At the very bottom of the window is a green bar with three buttons: "Logout", "Exit", and "Help".

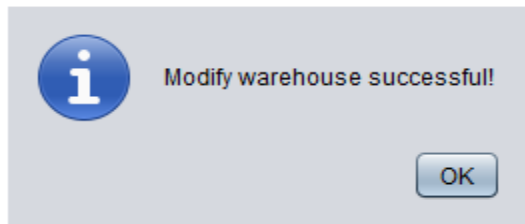
This form uses for modify warehouse in list.

Button “back”: move to warehouse information.

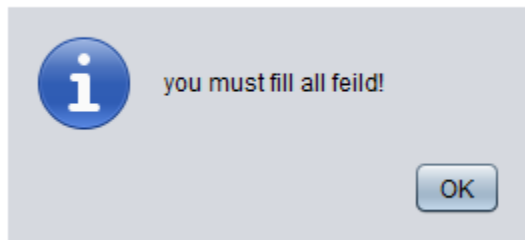
Button “reset”: clear all field in this form.

Button “ok”: confirm modify warehouse.

If warehouse modify successful, message will be show:



If there is any error, this message will be show:



## Category

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with three navigation buttons: "Warehouse" (with a house icon), "Category" (with a notepad icon), and "User" (with a person icon). On the left, there is a green sidebar with a "Profile" button. The main content area has a green header with the title "Category". Below this is a table with three columns: "ID", "Name", and "Description". The table body is currently empty. Below the table are three buttons: "Add new", "Modify", and "Delete". At the bottom of the page, there are three buttons: "Logout", "Exit", and "Help".

ID	Name	Description
----	------	-------------

Buttons: Add new, Modify, Delete

Footer buttons: Logout, Exit, Help

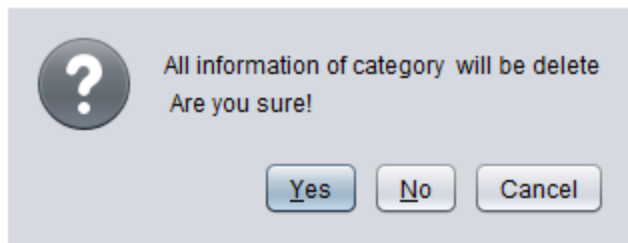
This form show all category of product, admin can add new or modify category in list.

Button "Add new ": go to form add a new category to the list of warehouse.

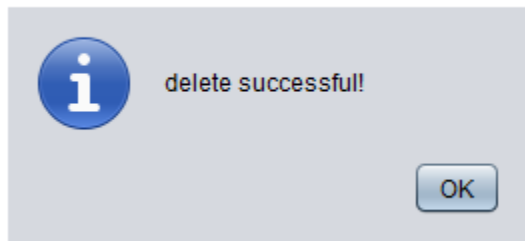
Button "Modify ": go to form modify a category information if admin want to.

Button "delete": admin can delete a category in list by click to this button

When admin click on "delete" button this message will be show.



When user click yes:



### **Add new category:**

This form uses for add new category to list.

Button “back”: move to category information.

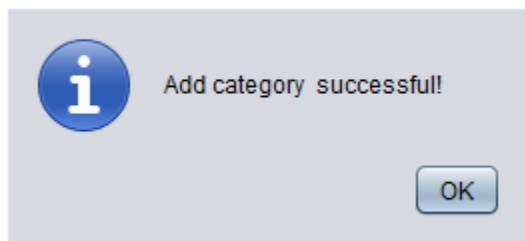
Button “reset”: clear all field in this form.

Button “ok”: confirm add new category.

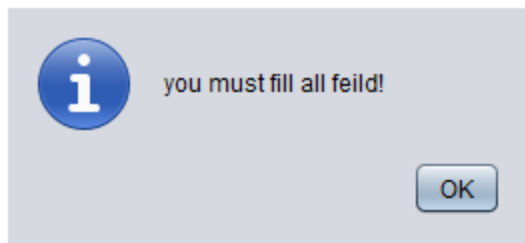


The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a "Profile" button on the left and three main navigation buttons: "Warehouse" (with a house icon), "Category" (with a document icon), and "User" (with a person icon). The main content area has a light green background and is titled "New category". It contains three input fields: "ID", "Name", and "Description". Below these fields are three buttons: "OK", "Back", and "Reset". At the bottom of the window, there is a green bar with three buttons: "Logout", "Exit", and "Help".

If category add successful, message will be show:



If there is any error, this message will be show:



## -Modify category

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with three navigation buttons: "Warehouse" (with a house icon), "Category" (with a notepad icon), and "User" (with a person icon). On the left side, there is a green sidebar with a "Profile" button. The main content area has a light green background and is titled "Modify Category". It contains three input fields: "ID" (a disabled gray field), "Name" (an active white field), and "Description" (an active white field). Below these fields are three buttons: "OK", "Back", and "Reset". At the bottom of the window, there is a green bar with three buttons: "Logout", "Exit", and "Help".

Inventory Management System

Warehouse Category User

Profile

**Modify Category**

ID

Name

Description

OK Back Reset

Logout Exit Help

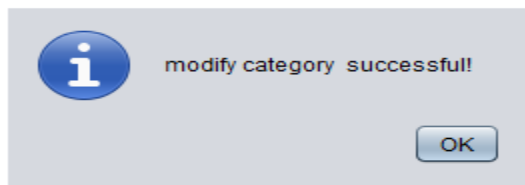
This form uses for modify category in list.

Button “back”: move to category information.

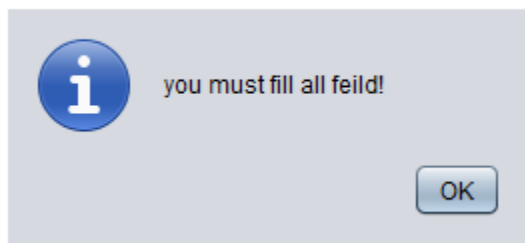
Button “reset”: clear all field in this form.

Button “ok”: confirm modify category.

If category modify successful, message will be show:



If there is any error, this message will be show:



## User management.

The screenshot shows a web application window titled "Inventory Management System". The interface has a blue header bar with a navigation menu on the left containing "Profile", "Warehouse", "Category", and "User". The "User" menu item is selected. The main content area is titled "User Management" and contains a table with the following columns: User ID, User name, Role ID, Sex, Day of birth, Phone, and Address. Below the table are two buttons: "Add new" and "Delete". At the bottom of the window are three buttons: "Logout", "Exit", and "Help".

User ID	User name	Role ID	Sex	Day of birth	Phone	Address
---------	-----------	---------	-----	--------------	-------	---------

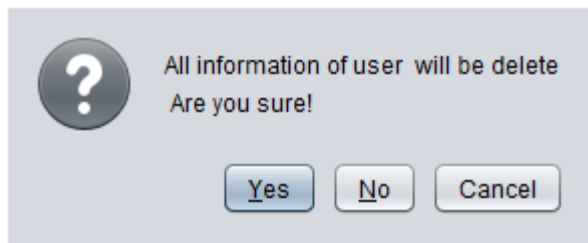
Buttons: Add new, Delete, Logout, Exit, Help

This form shows information of all users in the system. Admin can add new users or delete users from this form.

Button "Add new": move to the form to add new users.

Button "delete": delete user in list by choosing one user and clicking this button.

When a user clicks on the delete button, this message will be shown:



If admin choose yes:

