



FPT-APTECH COMPUTER EDUCATION

eProject Document

Auto Ancillaries Limited

| Group 5 | |
|---------------------|---|
| Group Member | Dam Quang Hieu - B00385 - 6222 (Leader) Nguyen Quy Trong - B00838 - 0068 Nguyen Quy Bao - B00839 - 0126 |
| Instructor | Nguyen Ngoc Tu |
| Batch | C0910G – S4 |
| Semester | 4 |

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Introduction

Auto Ancillaries Limited (AAL) is in the business of manufacturing important ancillaries for the two-wheeler and four-wheeler automobile industry. For the past few months they have been facing problems with their current system. Due to the problems they have felt the need for a change in their system. For this purpose, they have approached you to develop products. They would like you to study the problem at hand, and evolve a strategy for solving the current problems. In addition to this, they also want you to suggest solutions using which the company will get an added competitive edge in this cut-throat competitive market.

1. Problem Definition

1.1. Problem Abstraction

After discovering the AAL Company situation recently, we realize your “Invoicing & Finished goods handling” is too complex and heavy because every company’s departments as well as customers focus into this system. Hence there are problems :

1. There is no automation involved to speed up the distribution process or any other business process.
2. Credibility with customers seems to be declining recently due to slip-ups on customer order processing and dispatches.
3. Finished goods stock is not being managed properly and holding costs are high.
4. Difficulties in communication and updating data due to distributed set up.
5. Maintaining stocks at ware houses
6. Preparing Invoices as well as dispatching the related documents and routing them to relevant departments or locations.
7. Calculating discounts and other taxes and levies
8. Delivering material in time
9. Categorizing items as Fast or Slow moving while controlling inventory
10. Prioritizing orders based on customers requirement and distance
11. Increasing material rejection from customers
12. Discrepancy between ordered and invoiced quantities due to either partial availability of stocks or due to clerical oversights.
13. Insufficient checks in the current system for ensuring customer credit limits are not exceeded.
14. Analyzing sales data to streamline production volumes.

1.2. The Current System

A system needs to be established which takes care of inventories, preparing invoices, categorizing goods based on consumption pattern, tracking payments from the customers, tracking the consignment, generating material rejection reports. The system also requires connecting warehouse servers to the server of the manufacturing plant, furnishing the warehouses with the necessary information, allow clients to view the current status of production and stocks at warehouses.

The system has to be hosted on the Web. The firms will have different discounts for customers based on their payment records. Each customer has accounts for logging into the system and is eligible to query about the production status. There would be an authentication process, which would enable the system to recognize the members or customers.

1.3. The Proposed System

1. Registration of Member (Customer) to the Site
2. Creation, Maintenance and Updating of Database, which will contain
 - Information regarding all transactions made
 - Details of Customers
 - Details of the Warehouses
 - Details of items and stocks
 - Details of the purchase orders
 - Details of invoices
 - Details of Material rejections
3. Login and verification
4. Entering query parameters by the user (Inventory status of company, rating of the customer, outstanding with the companies etc)
5. The company databases should maintain the following
 - Details of customers
 - Other information like inventory, order status etc. that it wants to forward to the service
6. Transmitting the queries to the servers of each Company.
7. Each server has to perform the search as per the query parameters.
8. The server has to transfer the data to the Web Site.
9. Presenting the result to the user in a consolidated format.
10. Accepting order booking from user.
11. Forwarding booking request to the particular Company server.
12. The order should be booked, server database updated in terms of availability.

13. The billing for the order is to be calculated taking into account the customer entitlements in terms of discount and credit period.
14. The member account should be updated in terms of finances and transactions.

1.4. Development Environment

- Hardware
 - A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
 - 256 Megabytes of RAM or better
 - Windows 2000 (or higher if possible)
- Operating System
 - Windows XP, Vista or 7.
- Software
 - Operate System Software :
 - Notepad/HTML editor/visual studio/J2EE
 - Java/asp.net
 - SQL Sever 2008
 - IE 8.0/ Firefox 10.0
 - NetBeans 7.1

2. Requirements and Business Flow

- Administer a system:

a. Login system:

Purpose:

Allow use declare identification to used application.

Object used:

Administrator

Functional request:

Allow user input username and password and validate information.

The program will display error if username or password is invalid.

b. Products management:

Purpose:

Allow administrator manage products in store

Object used:

Administrator.

Functional request:

The application must allow admin searched, edited, deleted of products

The application allows inserting new products

Execute condition:

Administrator has to login system.

c. Categoriesmanagement:

Purpose:

Allow administrator manage categories in store

Object used:

Administrator.

Functional request:

The application must allow admin searched, edited, deleted of categories

The application allows inserting new categories

Execute condition:

Administrator has to login system.

d. Factory, warehouse management:

Purpose:

Allow administrator manage factory, warehouse information in system.

Object used:

Administrator.

Functional request:

The application must allow admin searched, edited, deleted of factory, warehouse.

The application allows inserting new factory, warehouse.

Execute condition:

Administrator has to login system.

e. Account management:

Purpose:

Allow manager manage employee information and admin in system.

Object used:

Administrator.

Functional request:

The application must allow admin to searched, view details of employee in system...

Execute condition:

Administrator has to login system.

f. Orders management:

Purpose:

Allow employee manage can only enter or edit the details of the orders. Can also see the details of the charges, orders information based on the location, and the pin codes of the location.

Object used:

Administrator.

Functional request:

The application must allow employee to searched, edited status, deleted of orders in system

Execute condition:

Administrator has to login system.

- Website:

a. View products and information of warehouse and category:

Purpose:

This function allows visitor or customer searched, reader, checked orders of them on system.

Object used:

Customer (or visitor).

Functional request:

The system allow customer to should be able to check the details of products and orders.

Execute condition:

Customer or visitor go to domain of Company.

2.1. Customer Requirement Specification

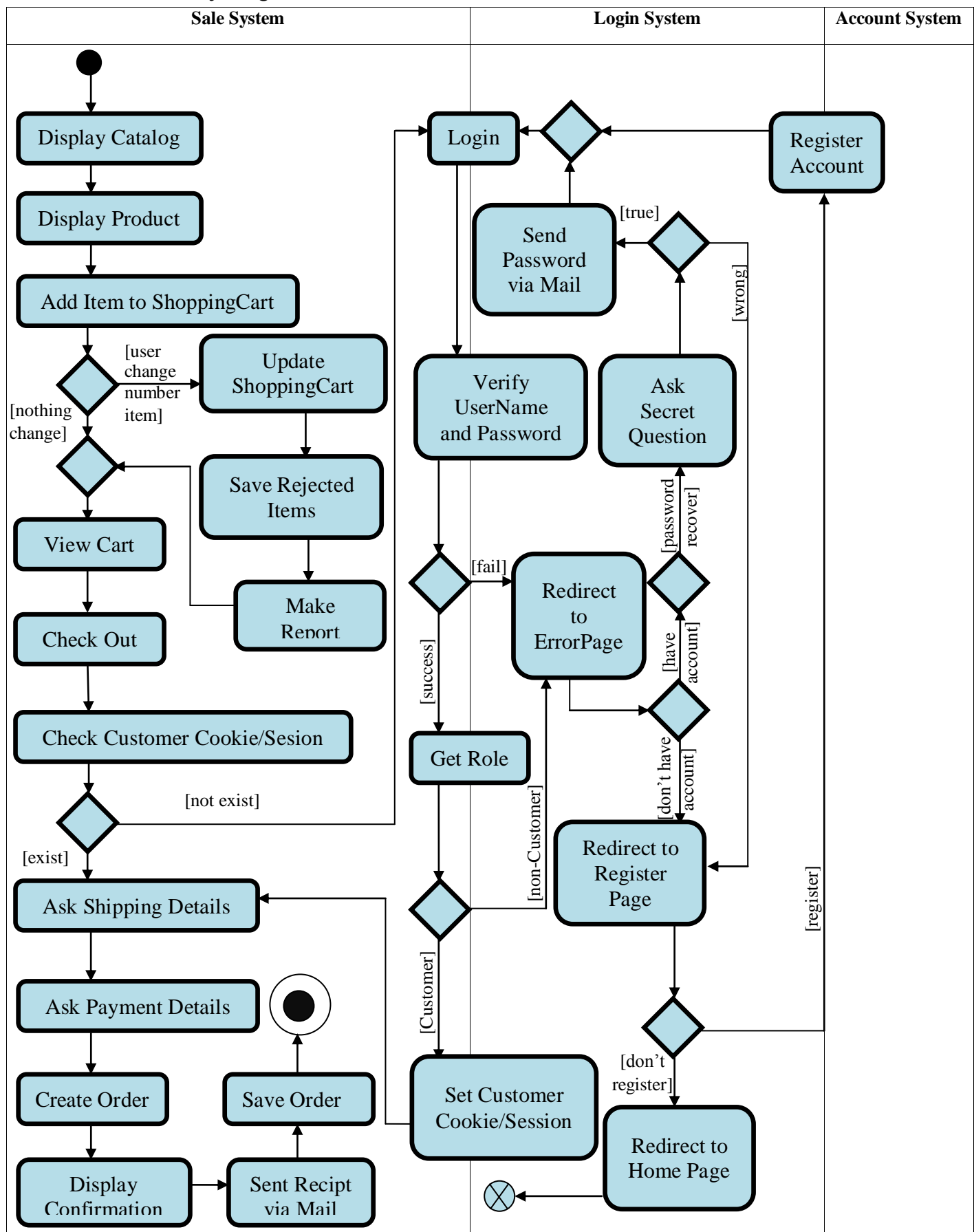
1. Administrator

- Inputs:
 - Information for Admin Login.
 - Information for Admin's account (table Admin)
 - Information for Categories and Warehouse.
 - Information for Products and Orders.
- Outputs:
 - Result of Login and information for Admin.
 - Result of Add Account, Update Account, Delete Account for Admin (table Customer)
 - Result of Add, Update, Delete of Category (table Category) and Warehouse(table Warehouse).
 - Result of Add, Update, Delete of Product (table Poroduct) and Orders (table Orders and OrderDetail).

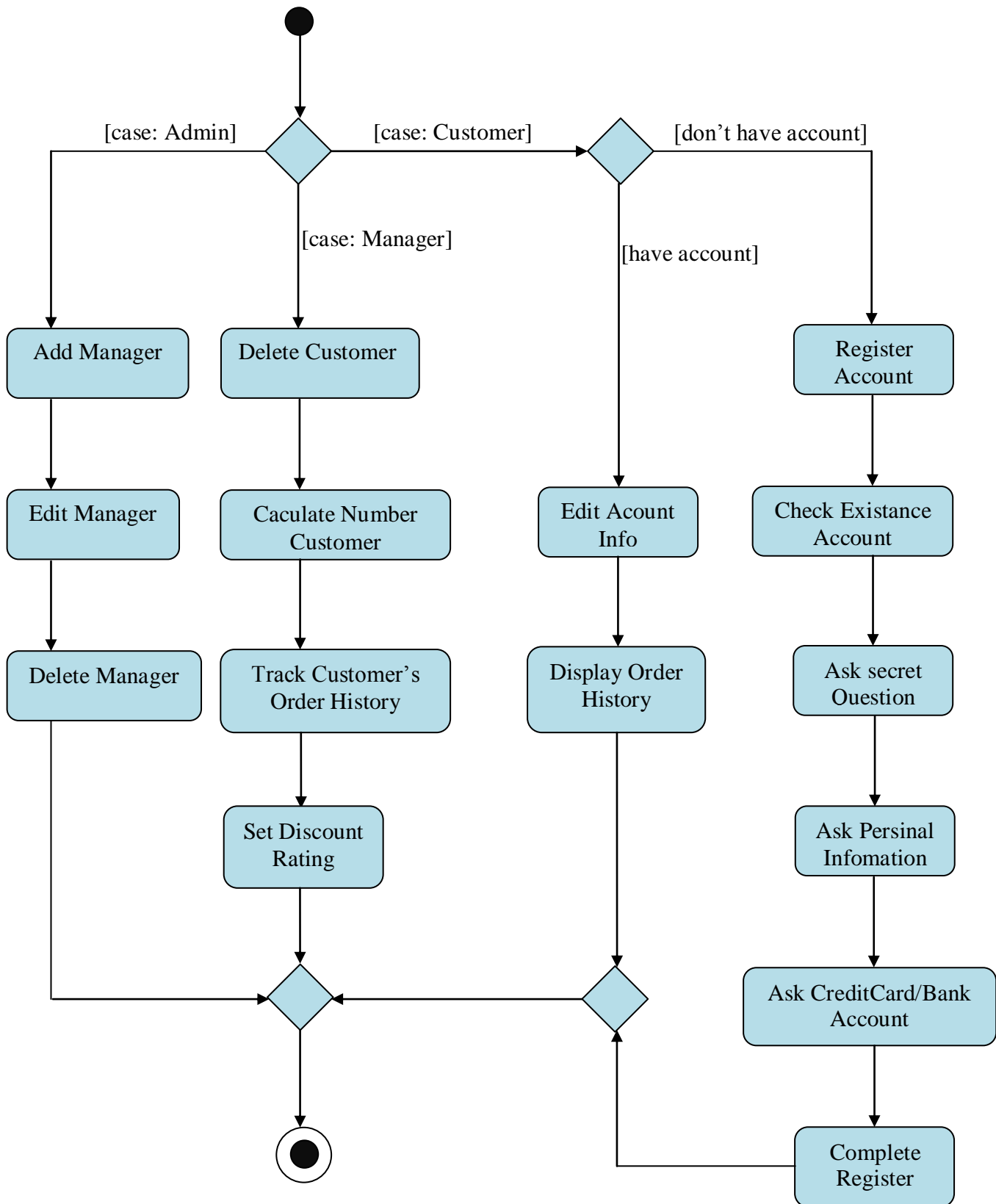
2. Customer

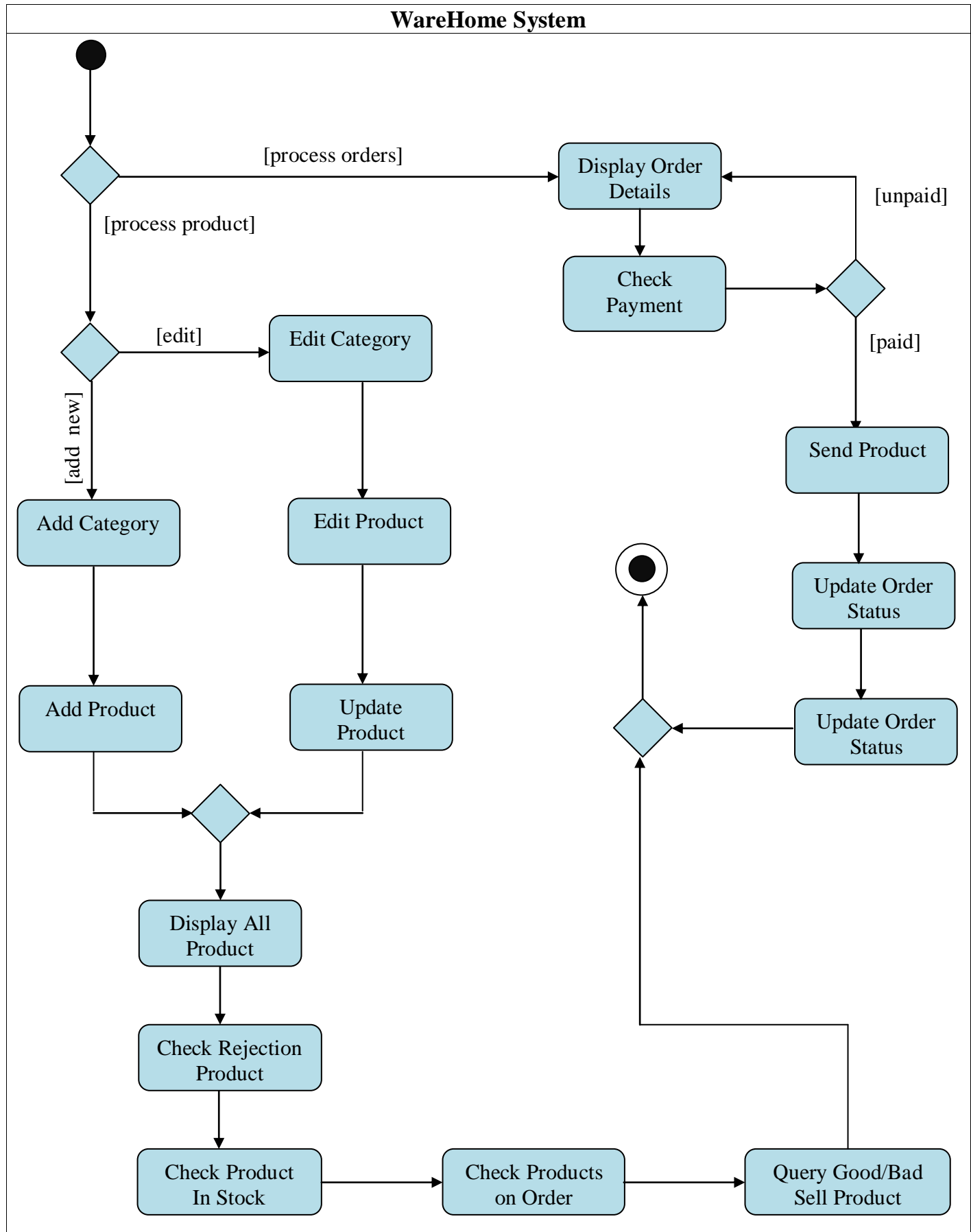
- Inputs:
 - Detail information for Orders (table Orders).
- Outputs:
 - Result for information of Orders (table Orders).

2.2. Activity Diagram

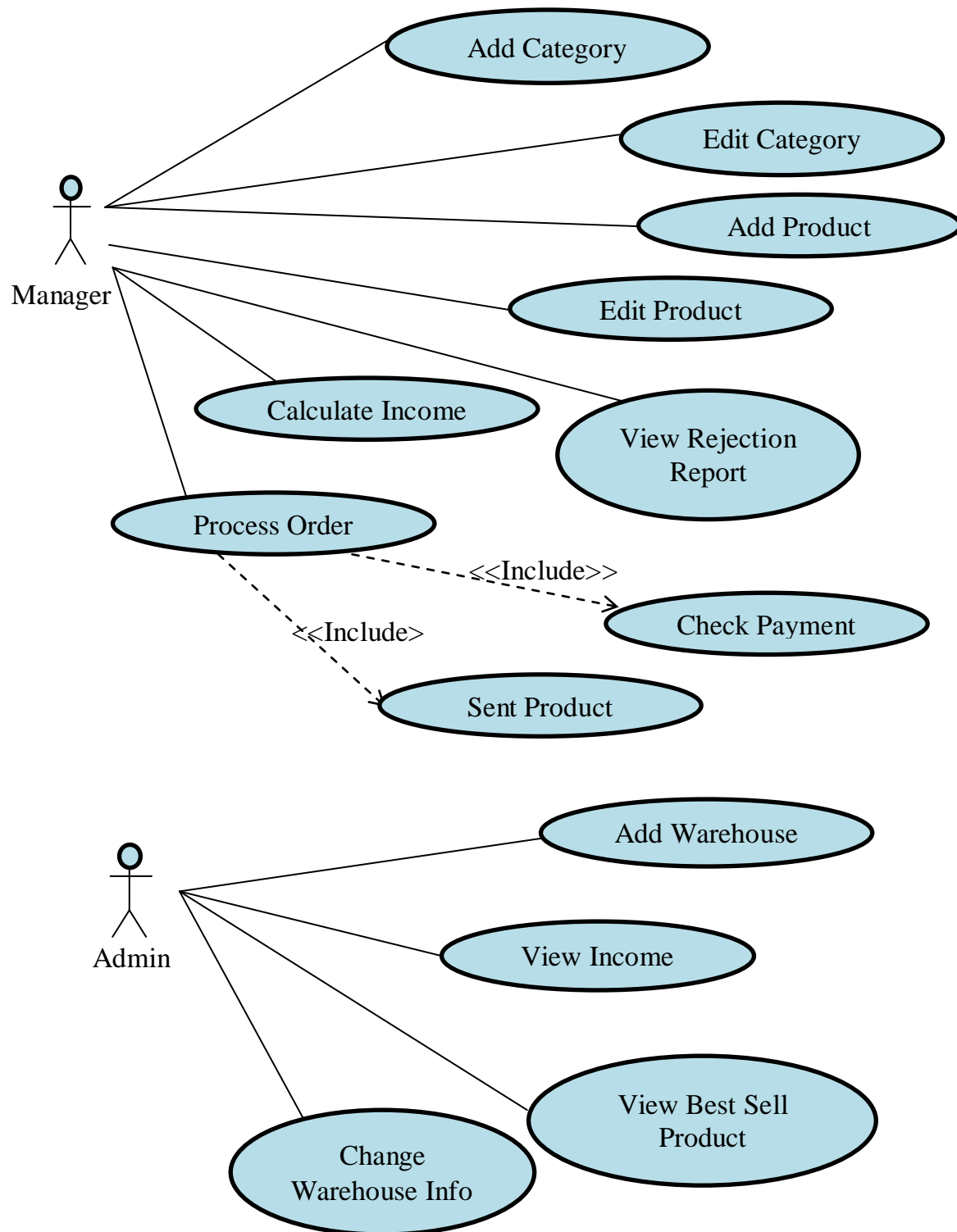


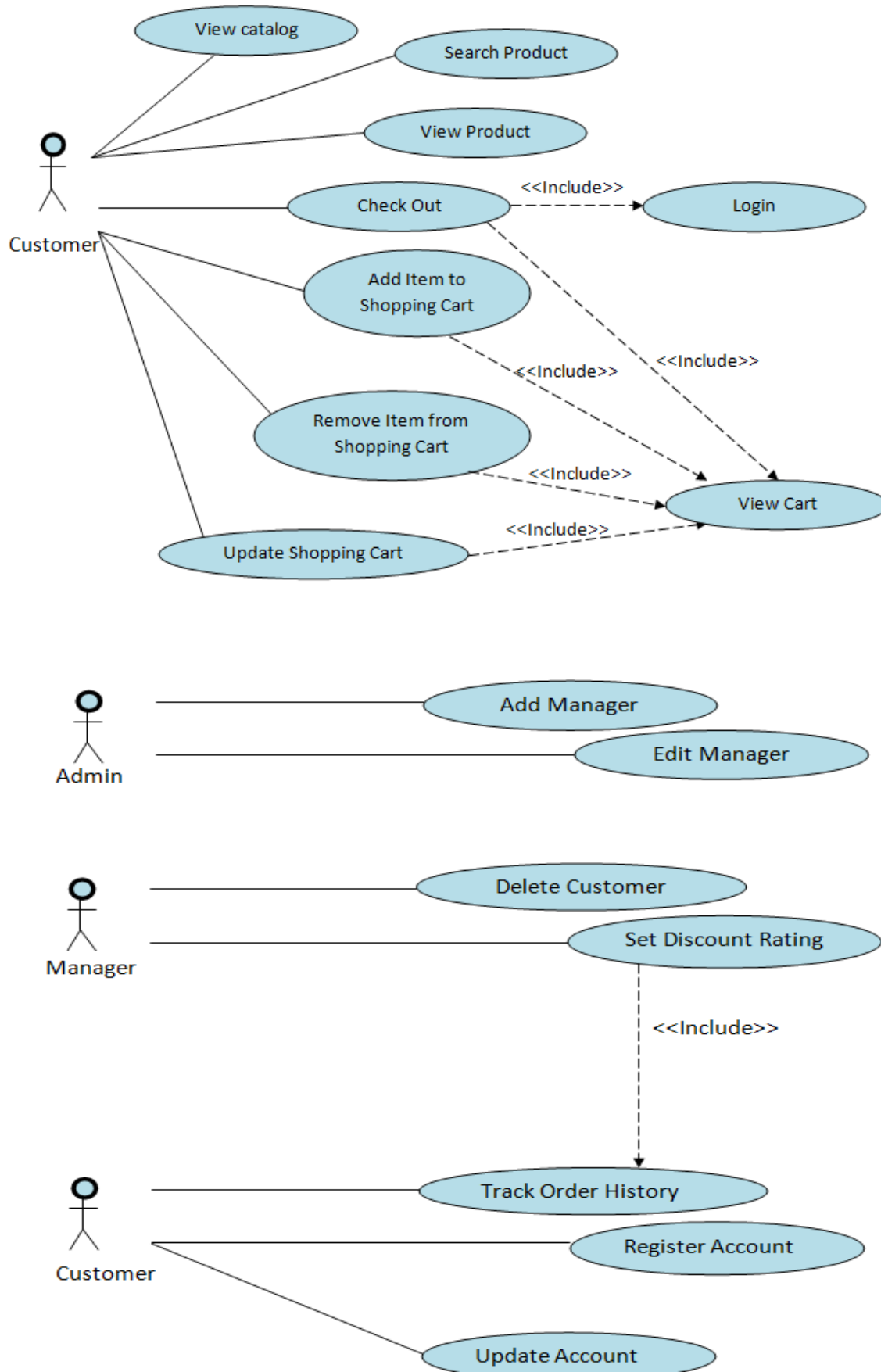
Account System





2.3. Use Case Diagram





2.4. Use Case Specification

2.4.1 Use Case for Sale System

1. Use case for Customer View Catalog

| | |
|-------------------------|---|
| Use case | Customer view catalog |
| Description | Customer visit website and view product catalog |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Click products navigation button 2. Display catalog |
| Variations | None |
| Non - Functional | None |
| Issues | None |

2. Use Case for Customer View Product

| | |
|-------------------------|--|
| Use case | Customer view product |
| Description | Customer visit website and view product |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Click on catalog 2. Display correlative a list of products |
| Variations | None |
| Non - Functional | None |
| Issues | None |

3. Use Case for Customer adds item

| | |
|--------------------|---|
| Use case | Customer adds item |
| Description | Customer select an item and adds it to the current cart |
| Actor | Customer |

| | |
|-------------------------|--|
| Pathway | Primary |
| Steps | 1. Customer adds item form list products 2. Item is added to cart 3. Updated cart is displayed |
| Variactions | None |
| Non - Functional | None |
| Issues | None |

4. Use Case for Customer removes item

| | |
|-------------------------|--|
| Use case | Customer removes item |
| Description | Customer view cart and remove item from cart |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Customer removes item from current cart 2. Item is removed from cart 3. Updated cart is displayed |
| Variactions | None |
| Non - Functional | None |
| Issues | What if customer remove all item in cart? |

5. Use Case for Customer update cart

| | |
|--------------------|---|
| Use case | Customer update cart |
| Description | Customer view cart and update item in current cart |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Customer change the item amount in current cart 2. Item amount is changed 3. Updated cart is displayed |
| Variactions | None |

| | |
|-------------------------|----------------------------------|
| Non - Functional | None |
| Issues | What if item amount equal zero ? |

6. UseCase for Customer check out

| | |
|-------------------------|--|
| Use case | Customer check out |
| Description | Customer logs in, enter shipping and payment details and complete order |
| Actor | Customer |
| Pathway | Primary, Exception |
| Steps | 1. Customer enter username and password 2. Username and password are checked 3. Current cart is displayed 4. Customer enter shipping details 5. Customer enter payment details 6. Customer completes order 7. Order is created 8. Customer receives receipt 9. An email contain order details will be sent |
| Variations | Exeption – Invalid customer #3. Customer informed that username/password invalid |
| Non - Functional | None |
| Issues | How does customer register? How does customer abandon order before completing? |

7. Use Case for Customer searches

| | |
|--------------------|--|
| Use case | Customer searches product |
| Description | Customer visits website and searches product |
| Actor | Customer |
| Pathway | Primary, Exception |
| Steps | 1. Customer enter keyword to search 2. Search result is displayed |
| Variations | Exception – invalid keyword |

| | |
|-------------------------|---|
| | #2. Display warning that user enter valid keyword for searching |
| Non - Functional | None |
| Issues | Can customer search by category, by price, by hot products ? |

2.4.2 Use Case for WareHouse System

1. Use Case for Manager adds category

| | |
|-------------------------|---|
| Use case | Manager adds category |
| Description | Manager gets in Warehouse management page and adds category |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Add new category 2. Updated categories are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

2. Use Case for Manager edits category

| | |
|-------------------------|--|
| Use case | Manager edits category |
| Description | Manager gets in Warehouse management page and edits category |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Change/Delete category 2. Updated categories are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

3. Use Case for Manager adds product

| | |
|-----------------|----------------------|
| Use case | Manager adds product |
|-----------------|----------------------|

| | |
|-------------------------|--|
| Description | Manager gets in Warehouse management page and adds product |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Choose category for adding product 2. Add new product 3. Updated list of products are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

4. Use Case for Manager edits product

| | |
|-------------------------|---|
| Use case | Manager edits product |
| Description | Manager gets in Warehouse management page and edits product |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Change/Delete product 2. Updated list of products are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | What if Manager remove all product which belong to a category |

5. Use Case for Manager views rejection product report

| | |
|--------------------|--|
| Use case | Manager views rejection product report |
| Description | Manager gets in Warehouse management page and views rejection product report |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Reads rejection product report 2. Make report about bad sell product |

| | |
|-------------------------|------|
| Variations | None |
| Non - Functional | None |
| Issues | None |

6. Use Case for Manager calculates income

| | |
|-------------------------|---|
| Use case | Manager calculates income |
| Description | Manager gets in Warehouse management page and calculate income |
| Actor | Manager |
| Pathway | Primary |
| Steps | 1. Query finished orders by day/month/year 2. Calculate the overturn |
| Variations | None |
| Non - Functional | None |
| Issues | None |

7. Use Case for Manager process order

| | |
|-------------------------|---|
| Use case | Manager process order |
| Description | Manager gets in Warehouse management page and process order |
| Actor | Manager |
| Pathway | Primary, Exception |
| Steps | 1. View order status 2. Check payment 3. Send items |
| Variations | Exception – payment does not complete #3. Send email inform customer about required date for payment |
| Non - Functional | None |
| Issues | What if required day for payment expired? |

8. Use Case for Admin checks income

| | |
|-------------------------|---|
| Use case | Admin checks income |
| Description | Admin gets in Warehouse management page and checks income |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Query income 2. Display income after and before tax |
| Variations | None |
| Non - Functional | None |
| Issues | None |

9. Use Case for Admin checks good/bad sell product

| | |
|-------------------------|--|
| Use case | Admin checks good/bad sell product |
| Description | Admin gets in Warehouse management page and checks good/bad sell product |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1.Display good and bad sell product |
| Variations | None |
| Non - Functional | None |
| Issues | None |

10. Use Case for Admin adds WareHouse

| | |
|--------------------|--|
| Use case | Admin adds Warehouse |
| Description | Admin get in Warehouse management page and adds new Warhouse |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Add new Warehouse |

| | |
|-------------------------|--|
| | 2. Updated list of Warehouse are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

11. Use Case for Admin changes Warehouse information

| | |
|-------------------------|---|
| Use case | Admin changes Warehouse information |
| Description | Admin get in Warehouse management page and changes Warehouse information |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Display each Warehouse informations 2. Change Warehouse informations 3. Updated list of Warehouses are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

2.4.3. Use Case for Account System

1. Use Case for Admin adds Manager

| | |
|-------------------------|--|
| Use case | Admin adds Manager |
| Description | Admin get in Account management page and adds new Manager |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Add new Manager 2. Updated list of Manager are displayed |
| Variations | None |
| Non - Functional | None |

| | |
|---------------|------|
| Issues | None |
|---------------|------|

2. Use Case for Admin edits Manager

| | |
|-------------------------|--|
| Use case | Admin edits Manager |
| Description | Admin get in Account management page and edit Manager |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Change/Delete Manager 2. Updated list of Manager are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

3. Use Case for Manager delete Customer

| | |
|-------------------------|---|
| Use case | Manager delete Customer |
| Description | Manager get in Account management page and delete Manager |
| Actor | Admin |
| Pathway | Primary |
| Steps | 1. Delete Customer 2. Updated list of Customer are displayed |
| Variations | None |
| Non - Functional | None |
| Issues | None |

4. Use Case for Manager sets discount rating

| | |
|--------------------|--|
| Use case | Manager sets discount rating |
| Description | Manager get in Account management page and discount rating |
| Actor | Manager |

| | |
|-------------------------|---|
| Pathway | Primary |
| Steps | 1. View Customer's orders history 2. Set discount rating |
| Variations | None |
| Non - Functional | None |
| Issues | None |

5. Use Case for Customer register account

| | |
|-------------------------|---|
| Use case | Customer register account |
| Description | Customer register an account |
| Actor | Customer |
| Pathway | Primary, Exception |
| Steps | 1. Ask user name and password 2. Check existence username 3. Confirm password 4. Ask personal informations 5. Ask secret question 6. Ask credit card/bank account number 7. Register complete 8. New Customer account is created 9. Send mail contain username and password |
| Variations | Exception – username exist 3# Inform customer change another username Exception – confirm password fail 4# Inform customer retype password correctly Exception – invalid input 7# Inform customer enter valid value |
| Non - Functional | None |
| Issues | None |

6. Use Case Customer update account info

| | |
|-----------------|-------------------------------------|
| Use case | Customer update account information |
|-----------------|-------------------------------------|

| | |
|-------------------------|---|
| Description | Customer manage their account |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Customer logs in 2. Customer changes account informations 3. Update account info |
| Variactions | None |
| Non - Functional | None |
| Issues | None |

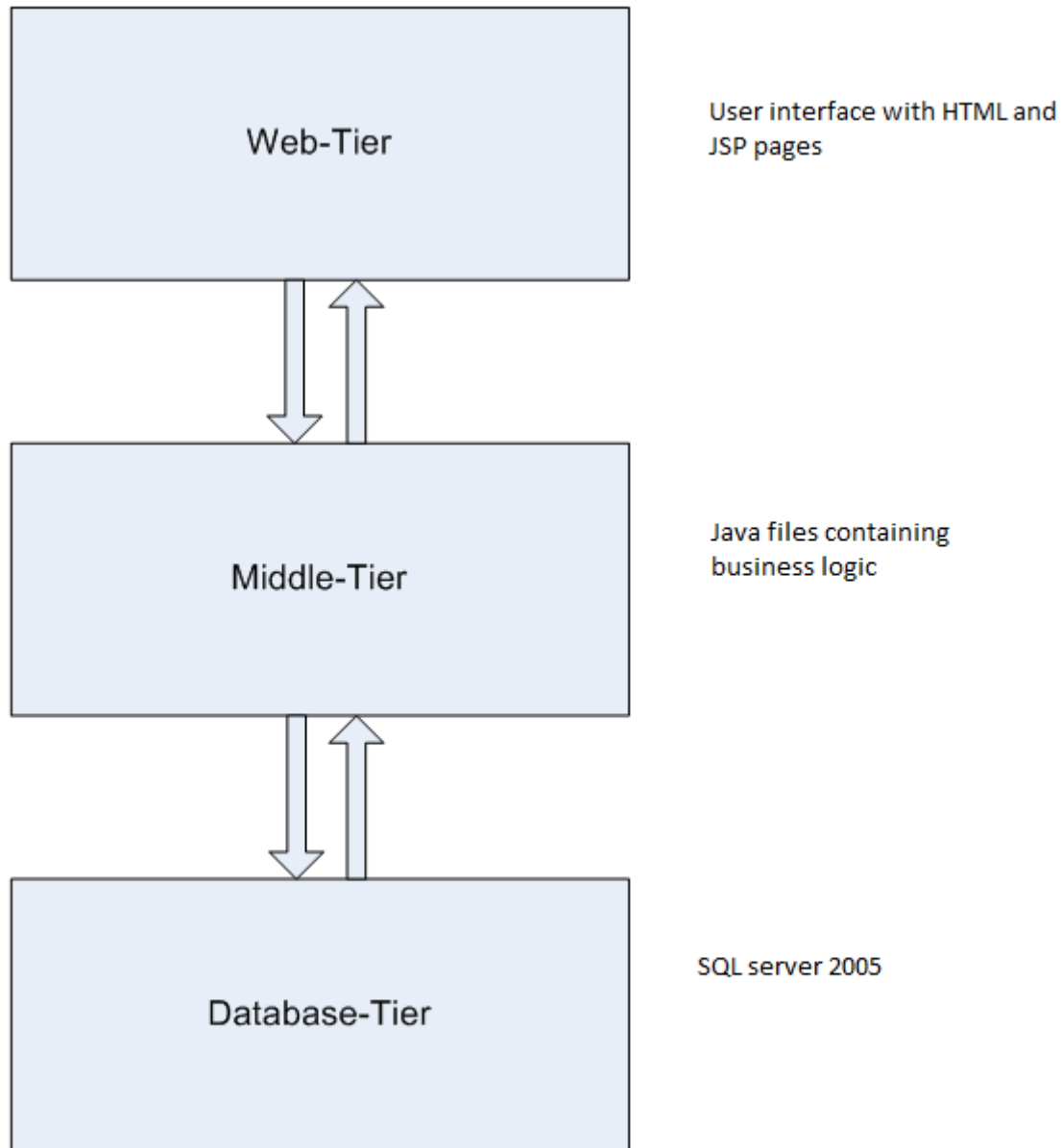
7. Use Case for Customer tracks order history

| | |
|-------------------------|---|
| Use case | Customer tracks order history |
| Description | Customer tracks their order history |
| Actor | Customer |
| Pathway | Primary |
| Steps | 1. Customer login 2. Display customers order history |
| Variactions | None |
| Non - Functional | None |
| Issues | None |

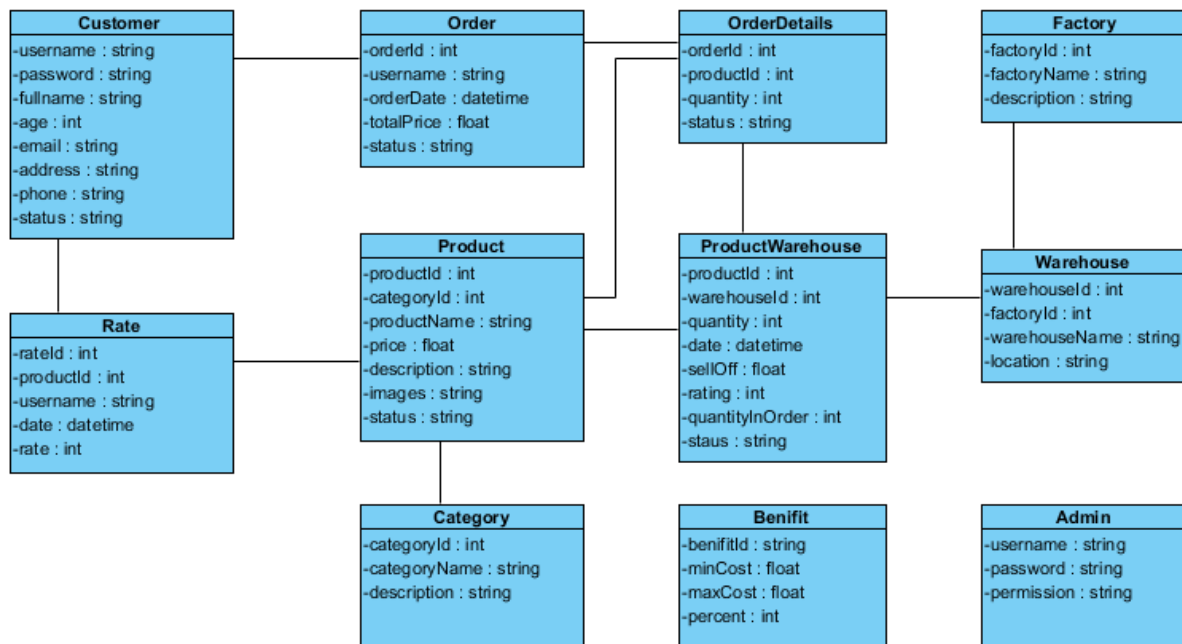
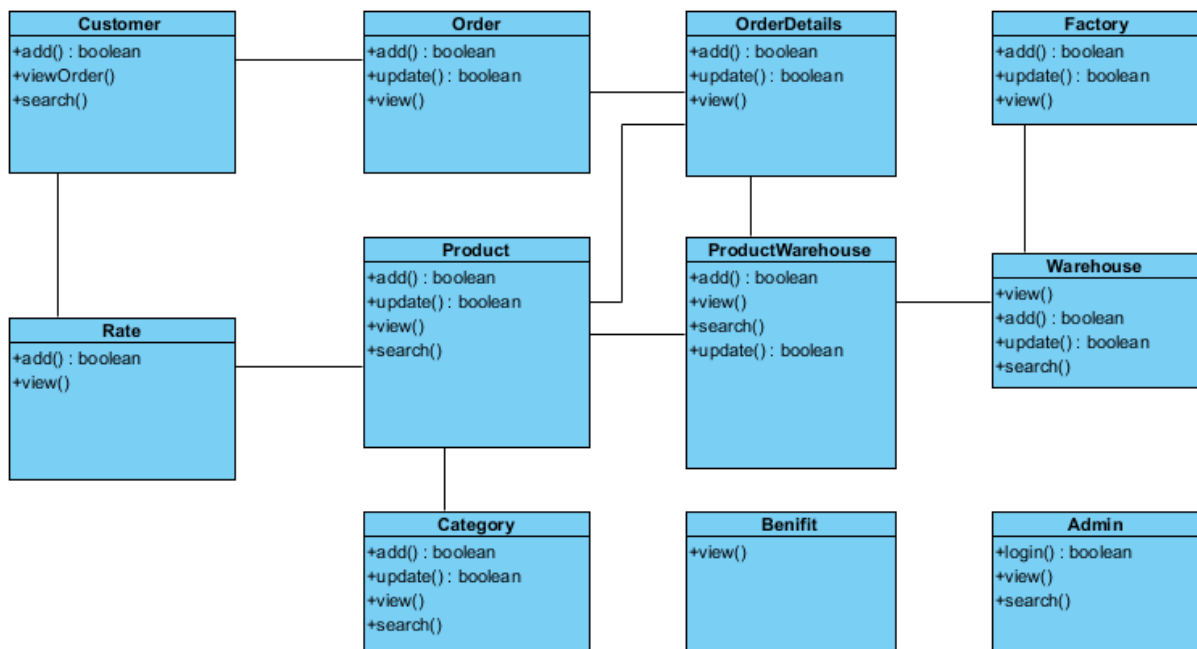
3. Design

a. SystemArchitecture

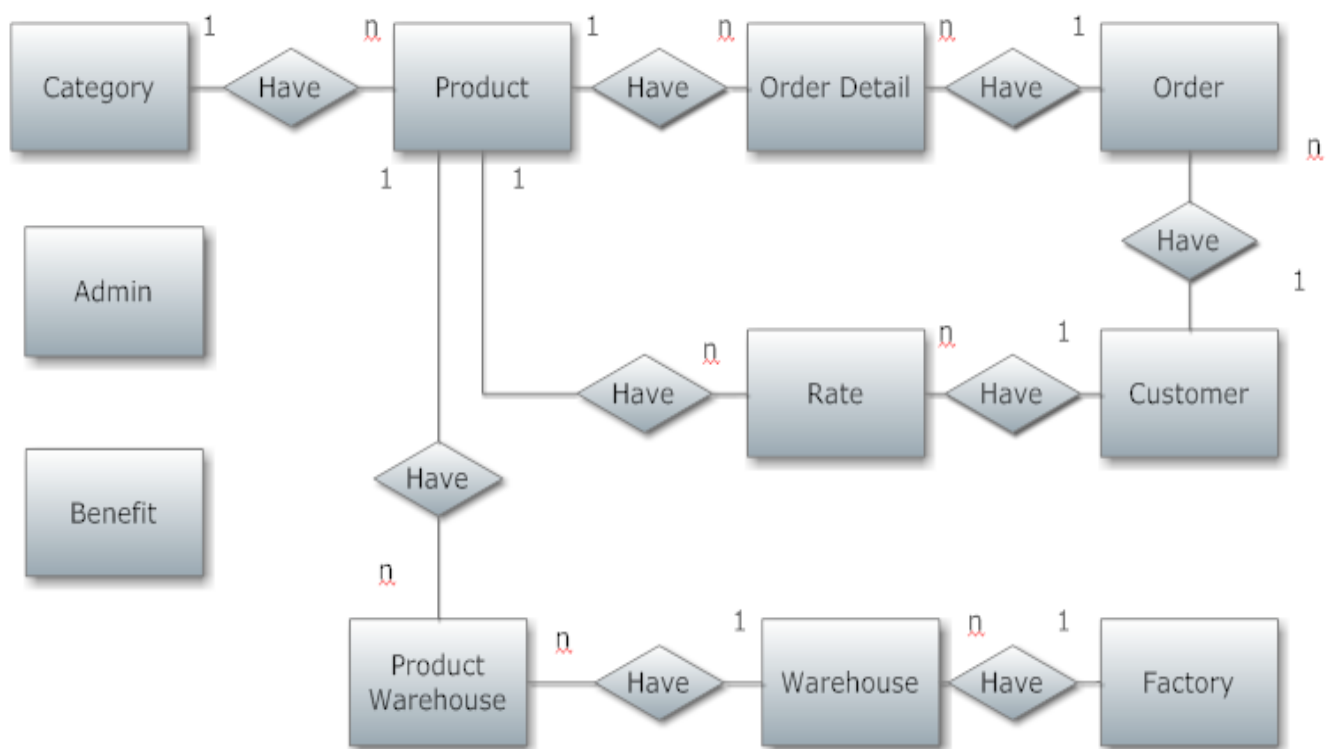
The application will be made of a Web-based distributed three-tier architecture to support multiple user transaction at the same time



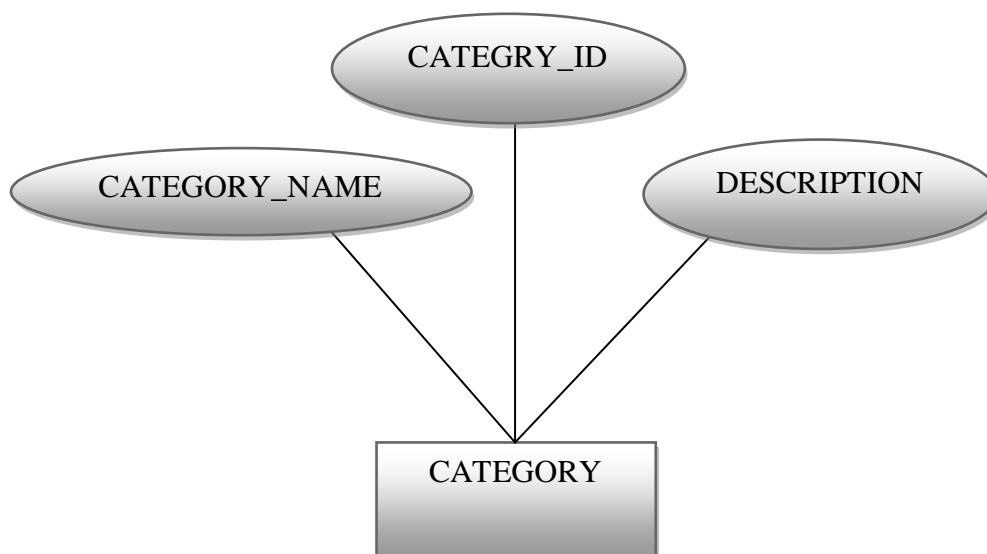
Web-Based Distributed 3-Tier Architecture of the Project

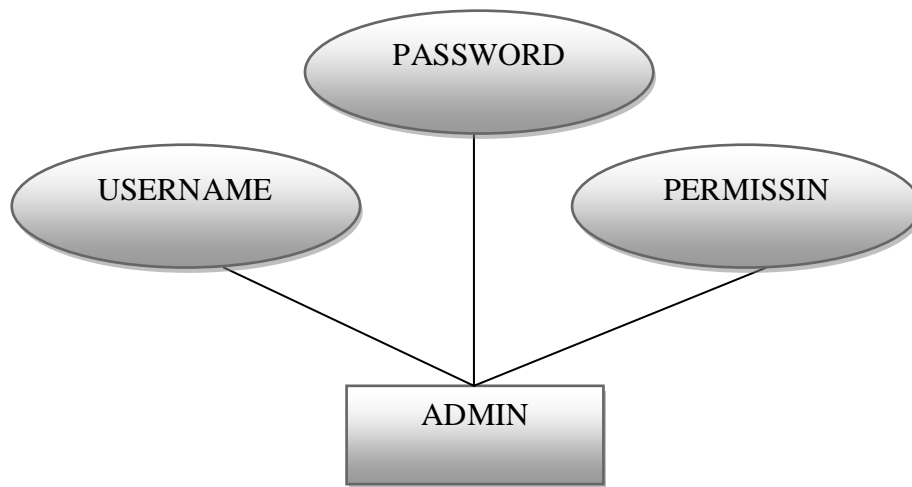
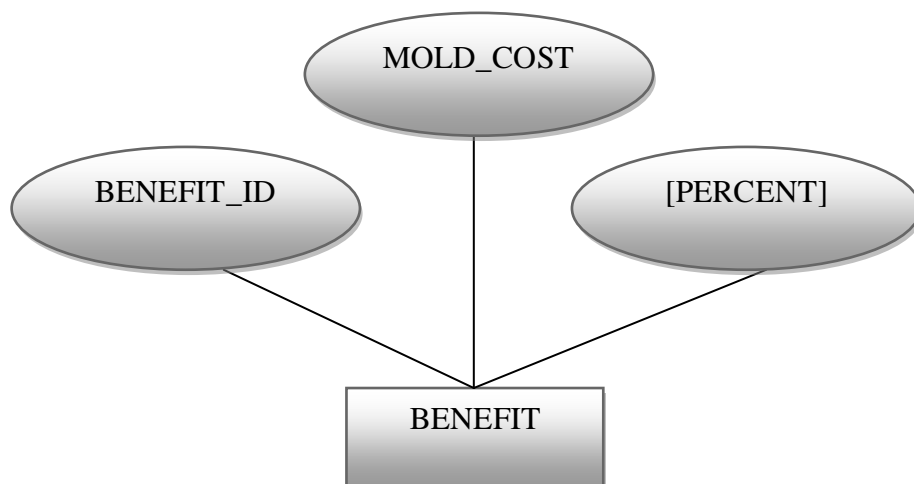
b. Class DiagramEntiyBusiness

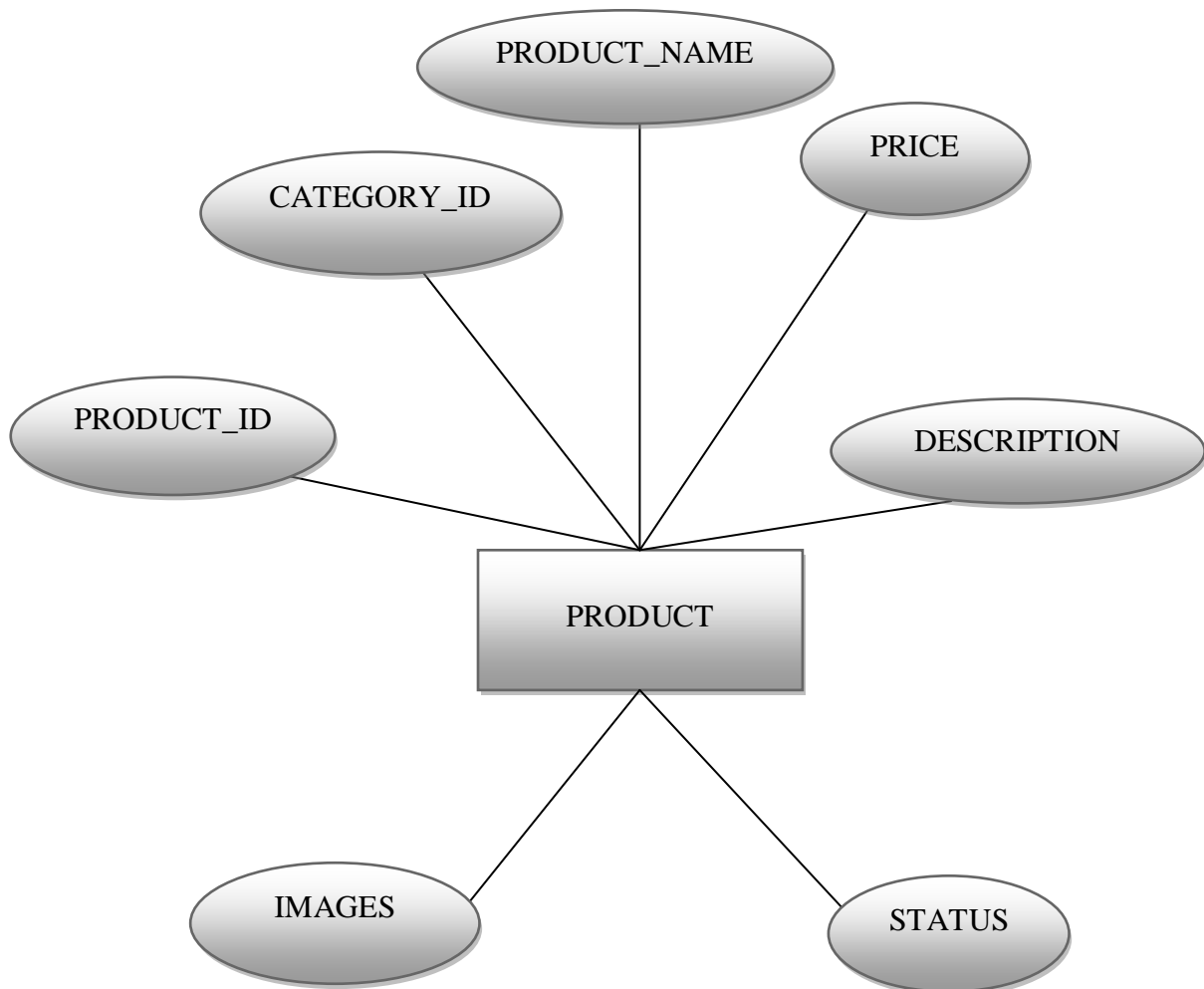
c. Entity Relationship Diagram

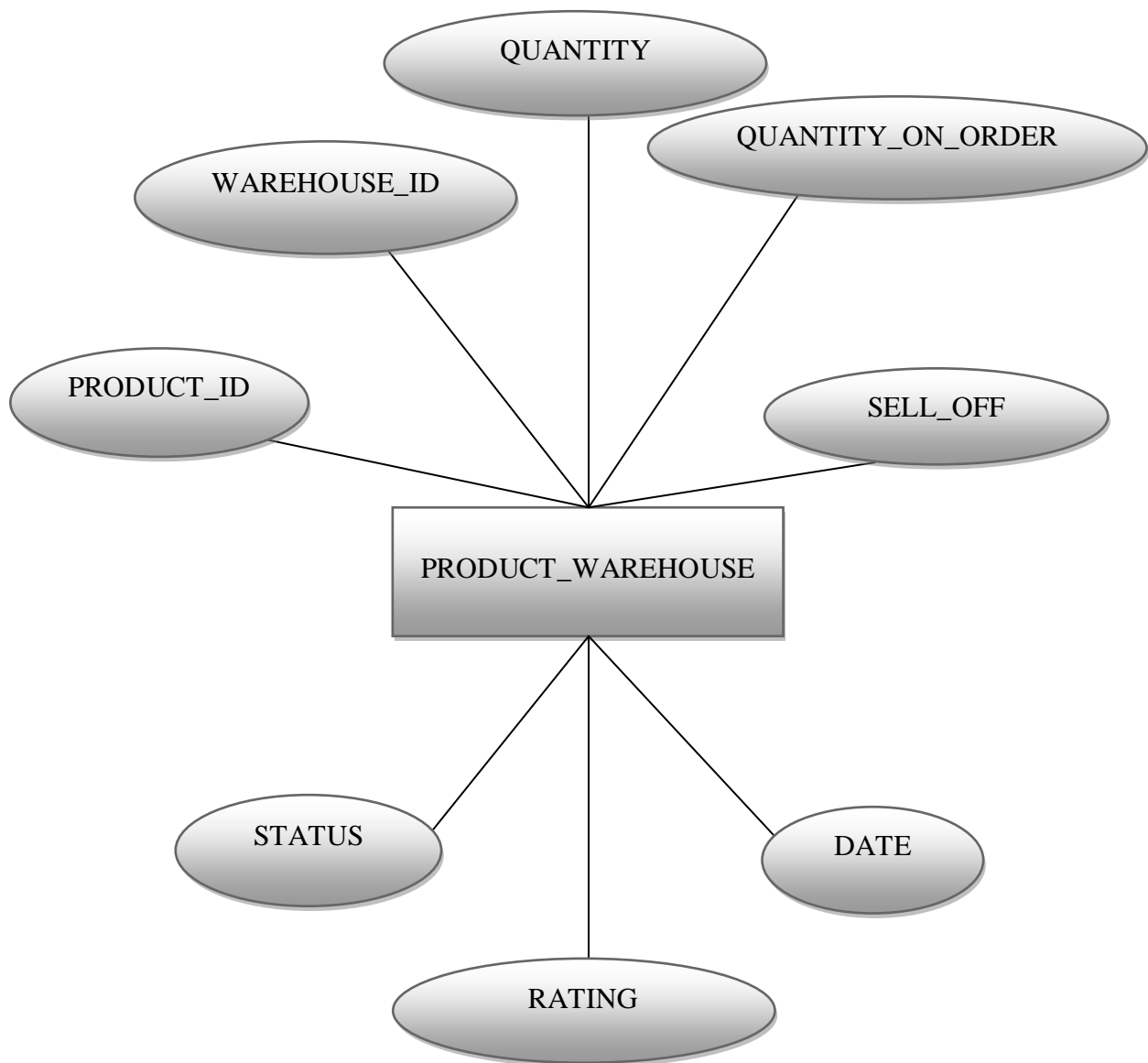


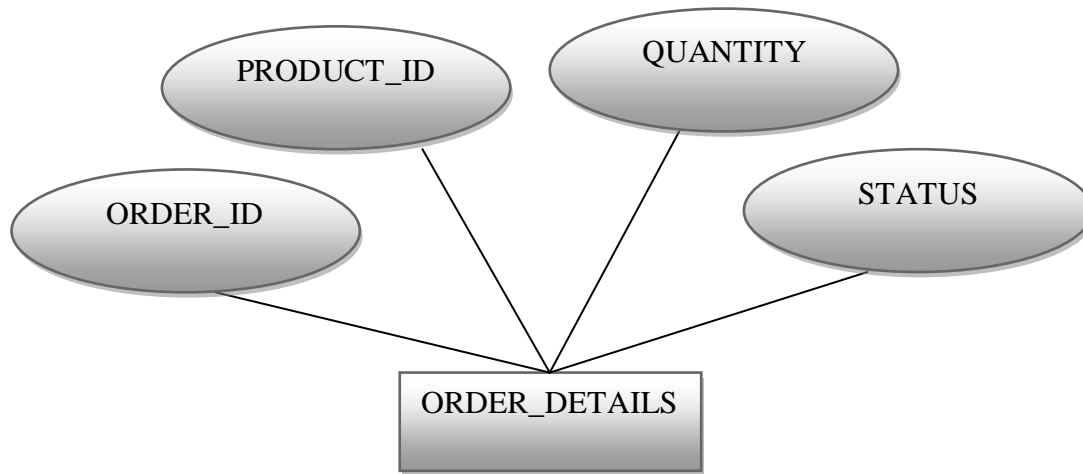
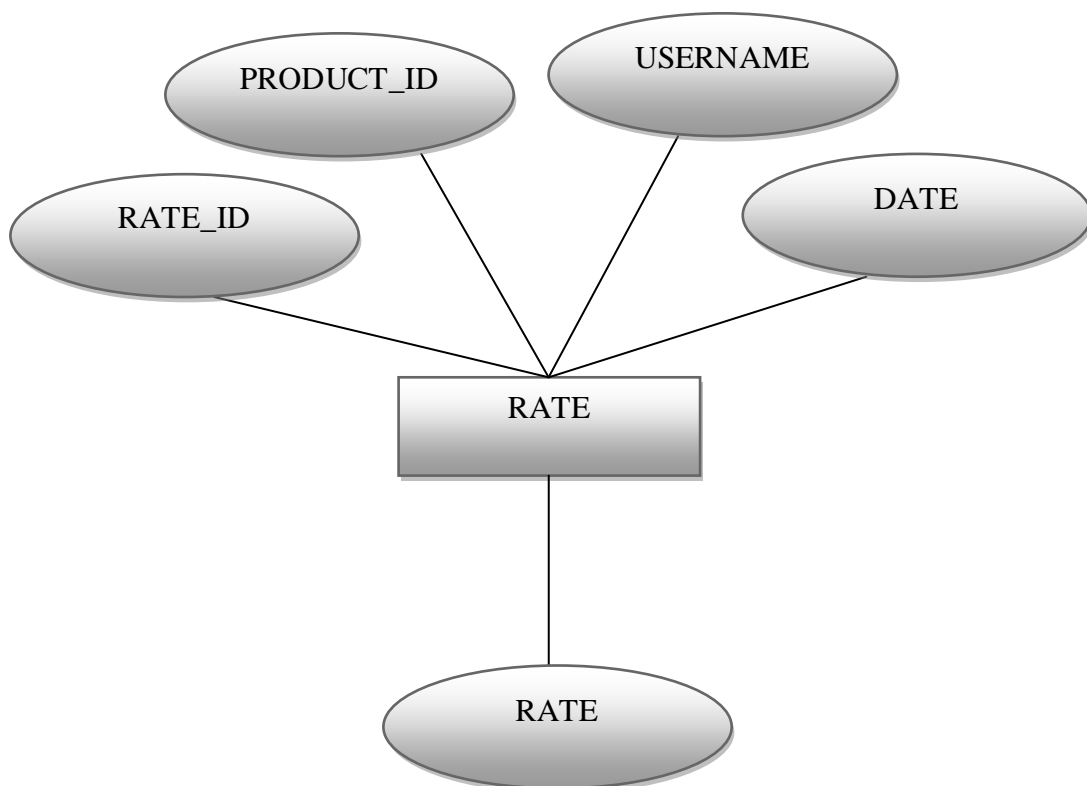
Category

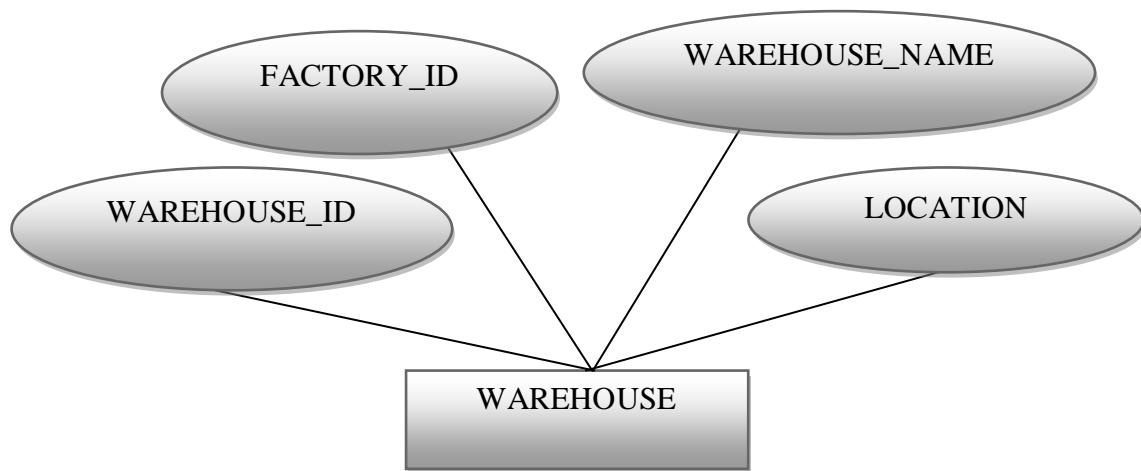
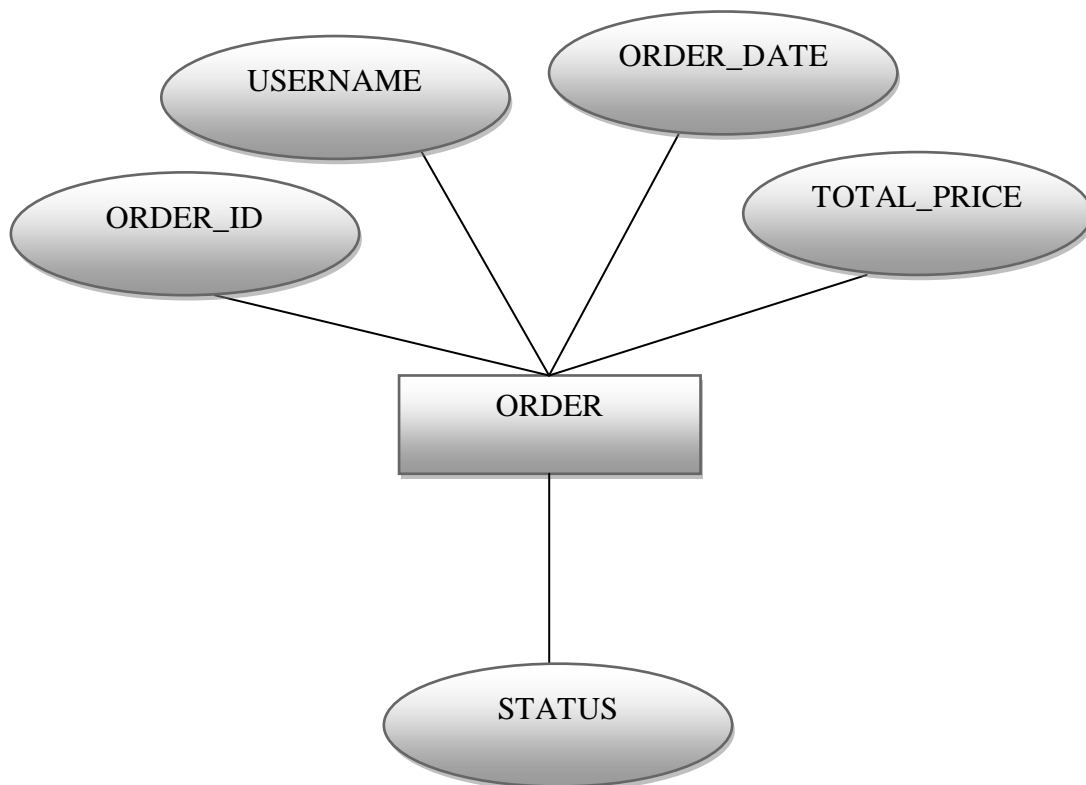


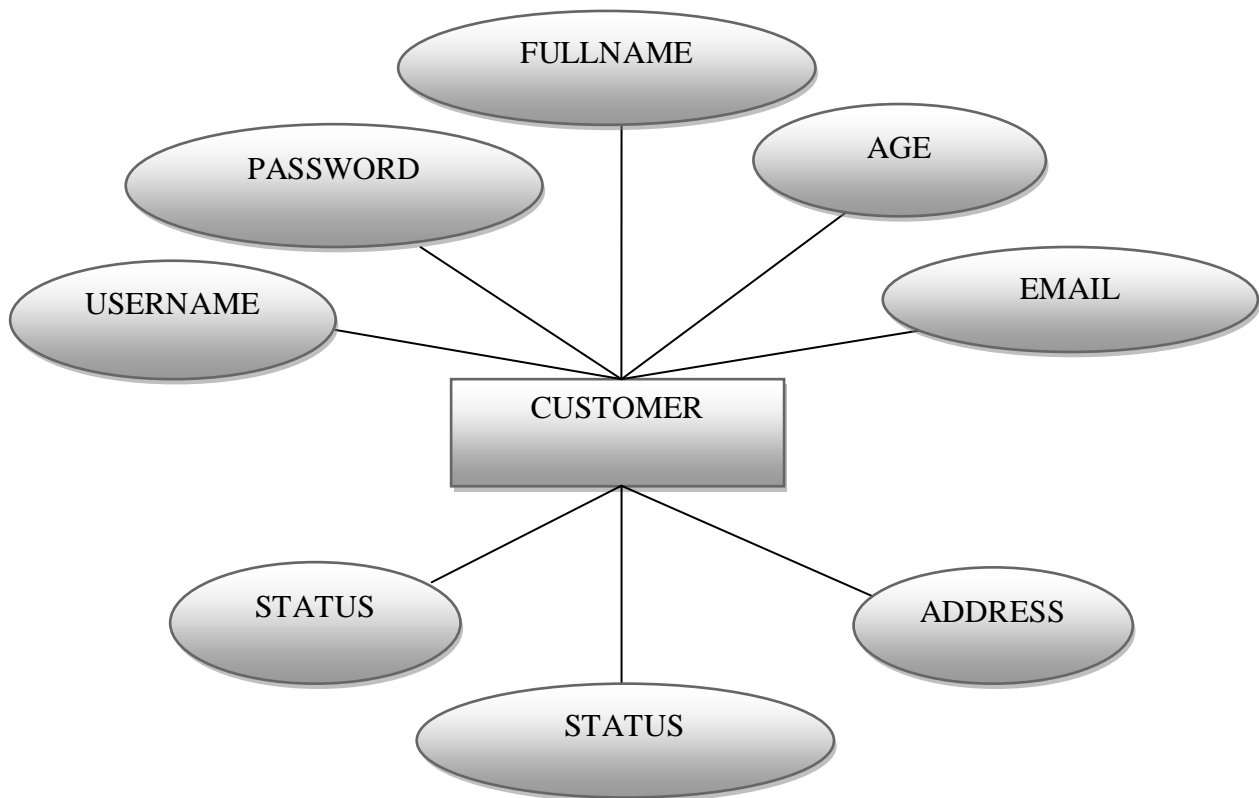
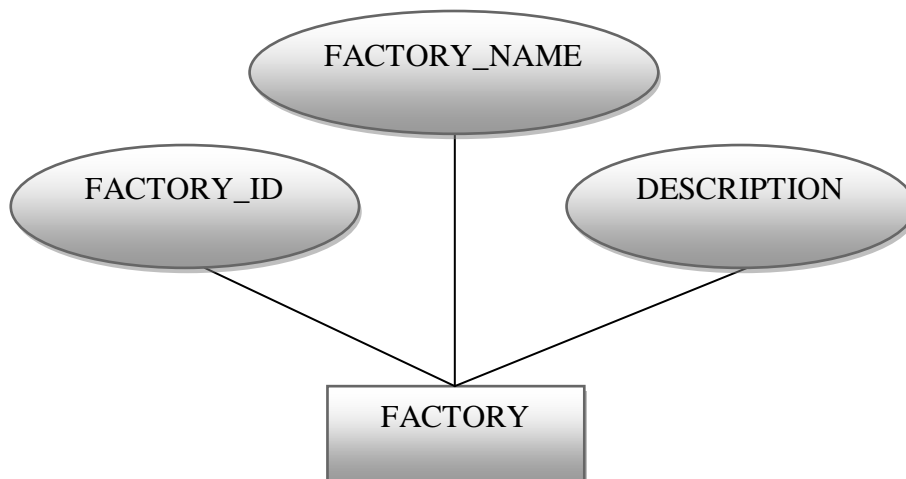
AdminBenefit

Product

Product Warehouse

Order_IDRate

WarehouseOrder

CustomerFactory

d. Database Design

1. Category Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|---------------|-----------|------|------------|------------------------|
| 1 | ↔ CATEGORY_ID | Int | | Not Null | ID Of Category |
| 2 | CATEGORY_NAME | Varchar | 50 | Not Null | Name OfCategory |
| 3 | DESCRIPTION | Varchar | 200 | Not Null | Description OfCategory |

2. Product Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|--------------|-----------|------|------------|------------------------------|
| 1 | ↔ PRODUCT_ID | Int | | Not Null | ID Of Product |
| 2 | CATEGORY_ID | Int | | Not Null | FK References Table Category |
| 3 | PRODUCT_NAME | Varchar | 50 | Not Null | Name Of Product |
| 4 | PRICE | Float | | Not Null | Price Of Product |
| 5 | DESCRIPTION | Varchar | 200 | Not Null | Description Of Product |
| 6 | IMAGE | Varchar | 50 | Not Null | Image Of Product |
| 7 | STATUS | Bit | | Not Null | Status Of Product |

3. Admin Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|-------------|-----------|------|------------|-------------------|
| 1 | ↔ USERNAME | Varchar | 50 | Not Null | Username Of Admin |
| 2 | PASSWORD | Varchar | 50 | Not Null | Password Of Admin |
| 3 | PERMISSION | Varchar | 50 | Not Null | Permission |

4. Benefit Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|--------------|-----------|------|------------|---------------------|
| 1 | ↔ BENEFIT_ID | Int | | Not Null | ID Of Benefit |
| 2 | MOLD_COST | Float | | Not Null | Mold cost OfBenefit |
| 3 | PERCENT | Int | | Not Null | Percent Of Benefit |

5. OrderDetails Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|--------------|-----------|------|------------|--------------------------------|
| 1 | ↔ ORDER_ID | Int | | Not Null | ID Of OrderDetails |
| 2 | ↔ PRODUCT_ID | Int | | Not Null | FK ReferencesTableOrderDetails |
| 3 | QUANTITY | Int | | Not Null | QuantityOf OrderDetails |
| 4 | STATUS | Bit | | Not Null | Status OfOrderDetails |

6. Order Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|-------------|-----------|------|------------|-------------|
| 1 | ↔ ORDER_ID | Int | | Not Null | ID Of Order |
| 2 | USERNAME | Varchar | 50 | Not Null | FK |

| | | | | | |
|---|-------------|-------|--|----------|-------------------------|
| | | | | | ReferencesTableCustomer |
| 3 | ORDER_RATE | Int | | Not Null | Rate Of Order |
| 4 | TOTAL_PRICE | Float | | Not Null | Total Price Of Order |
| 5 | STATUS | Bit | | Not Null | Status Of Order |

7. Product Warehouse Table

| No | Column Name | Data Type | Size | Allow Null | Description |
|----|-------------------|-----------|------|------------|--------------------------------------|
| 1 | ↔PRODUCT_ID | Int | | Not Null | ID Of Product |
| 2 | ↔WAREHOUSE_ID | Int | | Not Null | FK ReferencesTable Product Warehouse |
| 3 | QUANTITY | Int | | Not Null | Quantity |
| 4 | QUANTITY_IN_ORDER | Int | | Not Null | Quantity In Order |
| 5 | SELL_OFF | Float | | Not Null | Sale off |
| 6 | DATE | Datetime | | Not Null | Date |
| 7 | RATING | Int | | Not Null | Rating |
| 8 | STATUS | Bit | | Not Null | Status |

8. Rate Table

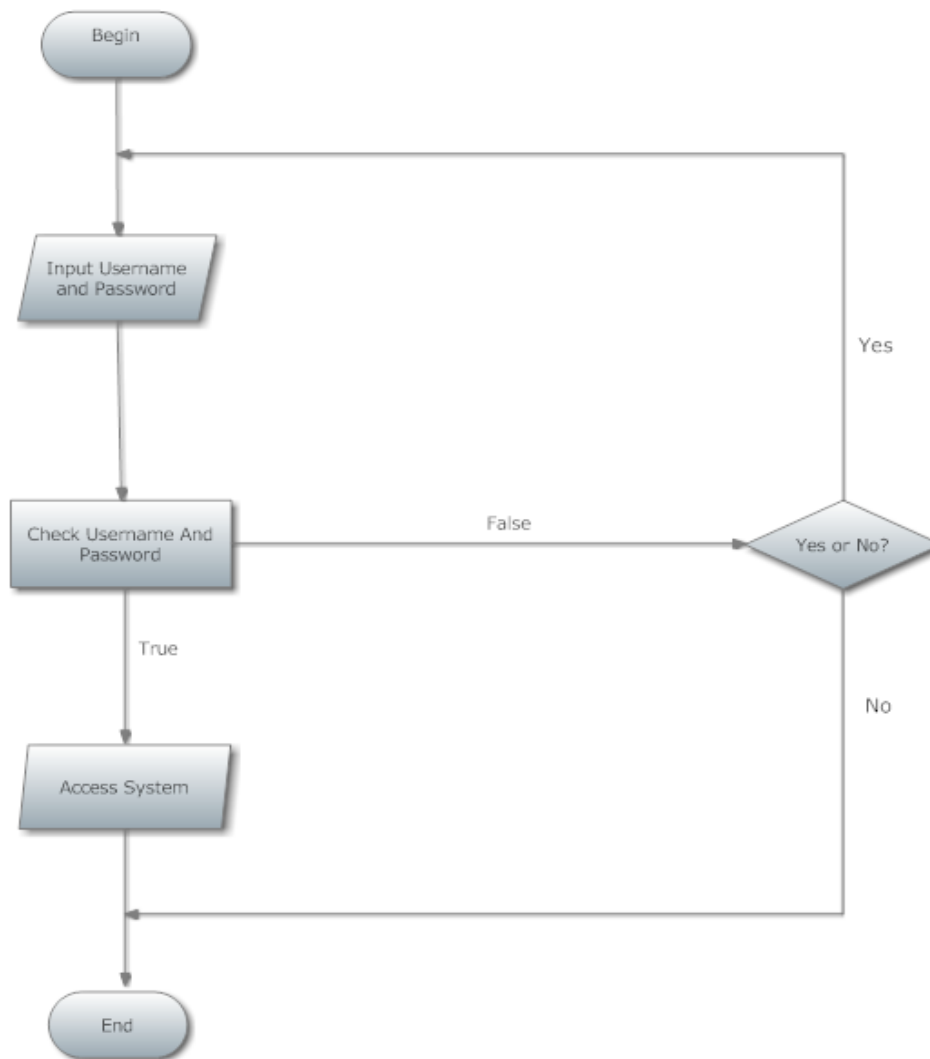
| No | Column Name | Data Type | Size | Allow Null | Description |
|----|-------------|-----------|------|------------|------------------------------|
| 1 | ↔RATE_ID | Int | | Not Null | ID Of Product |
| 2 | PRODUCT_ID | Int | | Not Null | FK References Table Product |
| 3 | USERNAME | Varchar | 50 | Not Null | FK References Table Customer |
| 4 | DATE | Datetime | | Not Null | Date |
| 5 | RATE | Int | | Not Null | Rate |

9. Customer Table

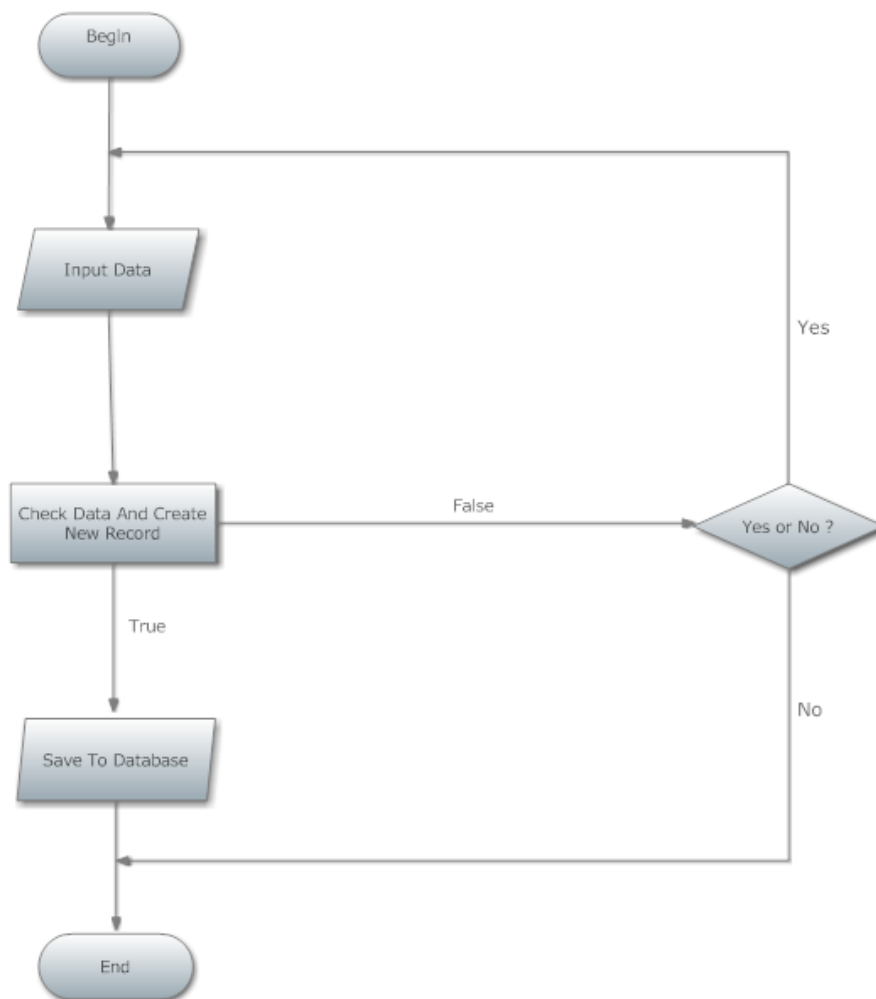
| No | Column Name | Data Type | Size | Allow Null | Description |
|----|-------------|-----------|------|------------|---|
| 1 | ↔USERNAME | Varchar | 50 | Not Null | ID Of Weight |
| 2 | PASSWORD | Varchar | 50 | Not Null | Weight Min |
| 3 | FULLNAME | Varchar | 50 | Not Null | Weight Max |
| 4 | AGE | Int | | Not Null | ChargesOf WeightBased OnWeigh Min And WeightMax |
| 5 | EMAIL | Varchar | 50 | Not Null | |
| 6 | ADDRESS | Varchar | 50 | Not Null | |
| 7 | PHONE | Varchar | 50 | Not Null | |
| 8 | STATUS | Bit | | Not Null | |

10. Warehouse Table

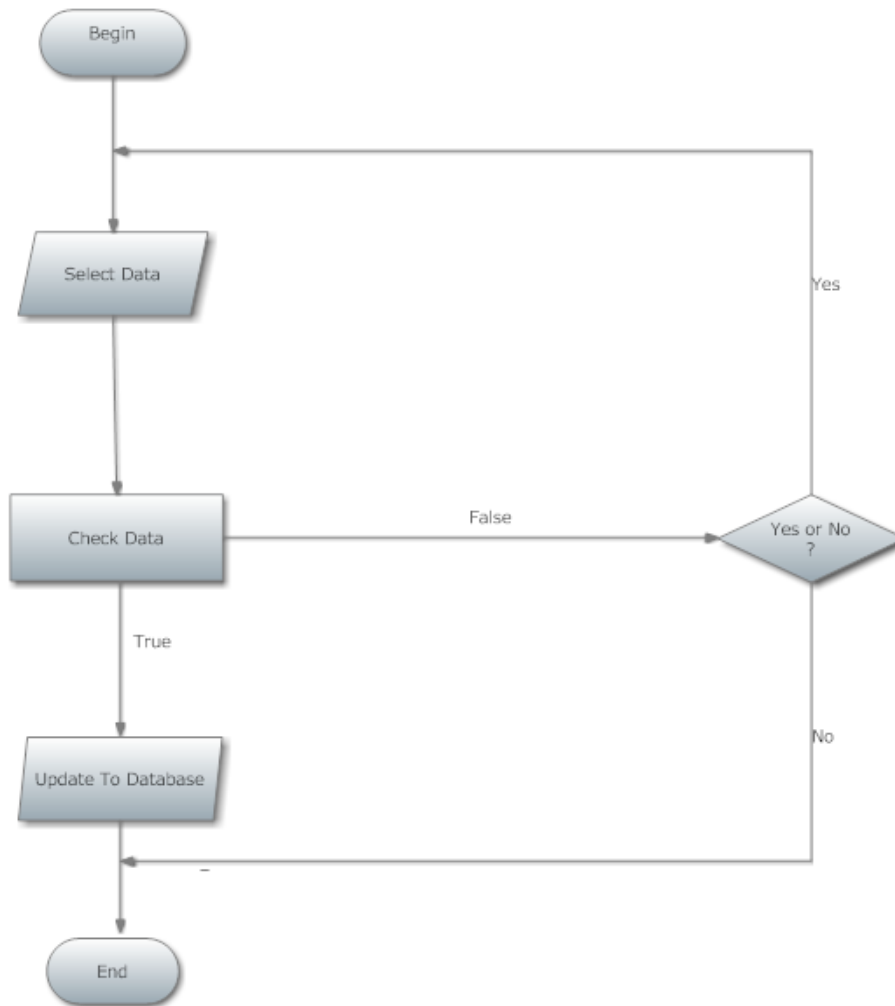
| No | Column Name | Data Type | Size | Allow Null | Description |
|----|----------------|-----------|------|------------|-----------------------------|
| 1 | ↔WAREHOUSE_ID | Int | | Not Null | ID Of Warehouse |
| 2 | FACTORY_ID | Int | | Not Null | FK References Table Factory |
| 3 | WAREHOUSE_NAME | Varchar | 50 | Not Null | Name of factory |
| 4 | LOCATION | Varchar | 50 | Not Null | Location |

e. Algorithms*Login**Descript :*

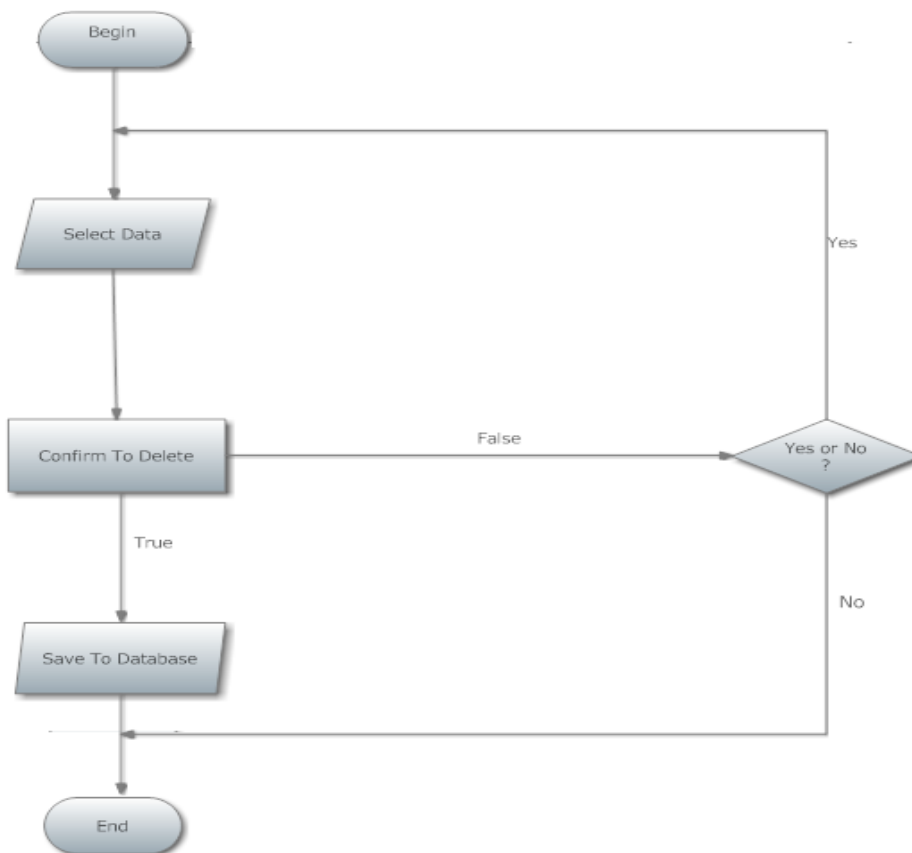
- Input username and password will connected to database
- Check entry of username and password (Validations) if valid will be connect database, if invalid will be appear a dialog message "Username or Password invalid!".

Add*Descript :*

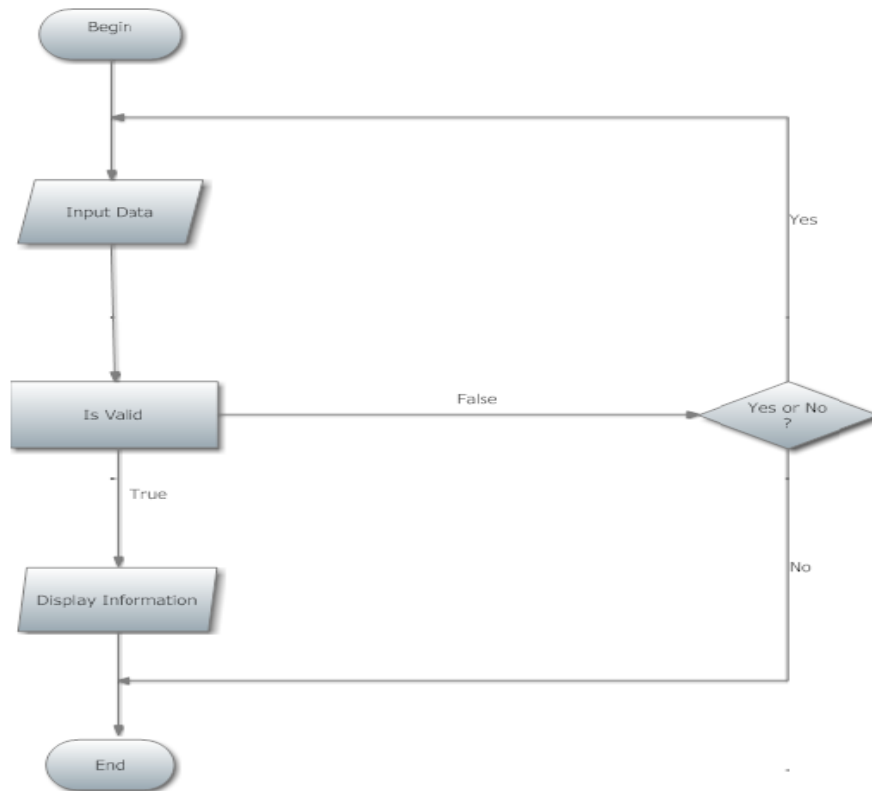
- Using the Add function in the system management.
- Input data field system requirements.
- If data input field data on the form validate "Insert Data Successful" contrast "input data fail".

Update*Descript :*

- Select record from form display data.
- Input data want change to form management.
- Check data input to form and constraint .
- If data input compare with correct data in table in database, Display meesage : "Edit Data Successful ! ".
- Contrast display message : "Edit Data Fail ".

Delete*Descript :*

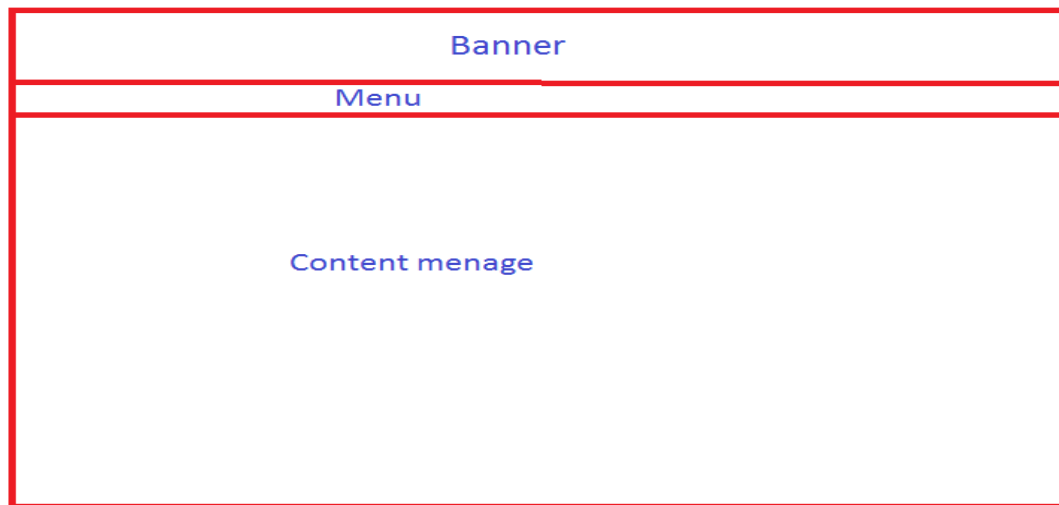
- Check existed of ID (User, Employee, Book, Subject, Borrow) .
- If ID exist in table in database, Display message "Delete Successful" .
- contrast display message "Delete fail".

Search*Descript:*

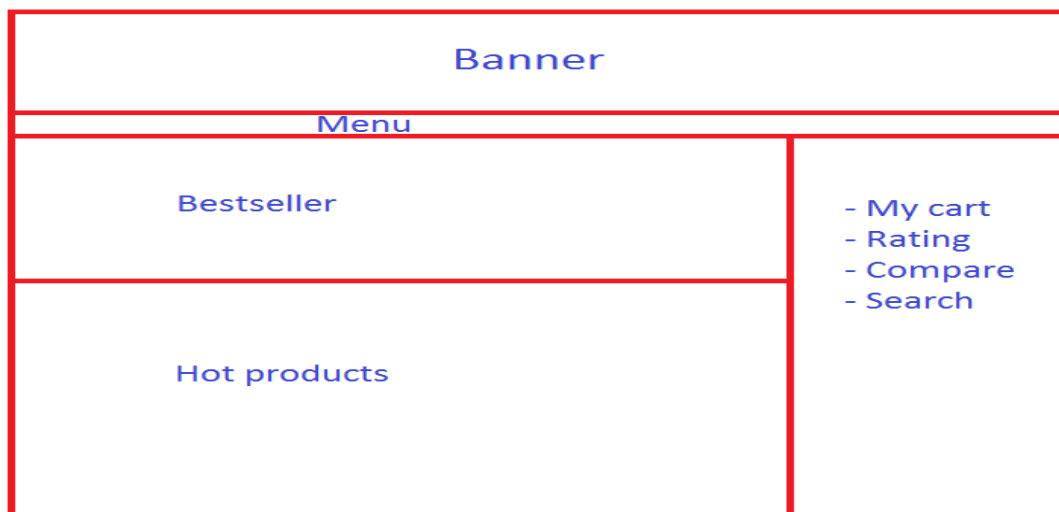
- Input data need to search form Search.
- Check data in database.
- If data exist in the database, Display data .
- Contrast display "Data does not exist you are looking" .

4. System Prototype

Admin Page



User Page



5. Management and Project Planning

5.1. Management Approach & Project Plan

1. Purpose

- The Purpose of the Group is to take day to day responsibility for all aspects of the Shaping the Future project.
- The Group will ensure that the project is managed using project management principles, and that consultation and implementation of the agreed outcome is managed effectively and efficiently.

2. Membership

- The membership of the Group will consist of:
 - Dam Quang Hieu (hieudq_B00385@fpt.aptech.ac.vn) - 6222
 - Nguyen Quy Trong (trongng_B00838@fpt.aptech.ac.vn) - 0068
 - Nguyen Quy Bao (baong_B00839@fpt.aptech.ac.vn) - 0126

3. Accountability

- The Group is accountable through the Leader to the Project Executive Group and through the meeting to final result.

4. Frequency and style of meetings

- The Group will meet three on week for the duration of the project. The Chief Executives may call extra meetings if required.
- There will be an agenda for each meeting and a record of the meeting will be kept.
- At each meeting the Trust Project will present a Highlight Report of activities since the last meeting
- Notes of the meetings will normally be distributed within a week of the meeting

5. Specific Objectives

- To ensure that from a Trust perspective the project achieves the delivery of all aspects of the project plan within agreed time scales
- To ensure that there is effective member engagement and involvement from within the Trusts in all stages of the project
- To oversee the work of the work groups set up within the Trusts to implement the outcome of consultation
- To assess any potential risks to the Trusts, maintaining an ongoing risk log, and agreeing strategies for managing those risks, ensuring that the Project Team and Project Steering Group are kept informed of such.
- To ensure that there are regular briefings for all member within the Trusts
- On behalf of the Project Team, to co-ordinate the work required to set up the new organisation that may be determined by the consultation process

6. Timetable

- Weeks 1:

Identify the current status of trunk and projects. Code the main template & css using existing layout files and menu. Figure out how the new form engine works. Design test tasks.

- Weeks 2:

Create layout files for com_weblinks according to the new specifications. Create the menu module. Test everything done.

- Weeks 3:

Start going through each component in turn and update the layout. Continue to test new screens.

- Week 4:

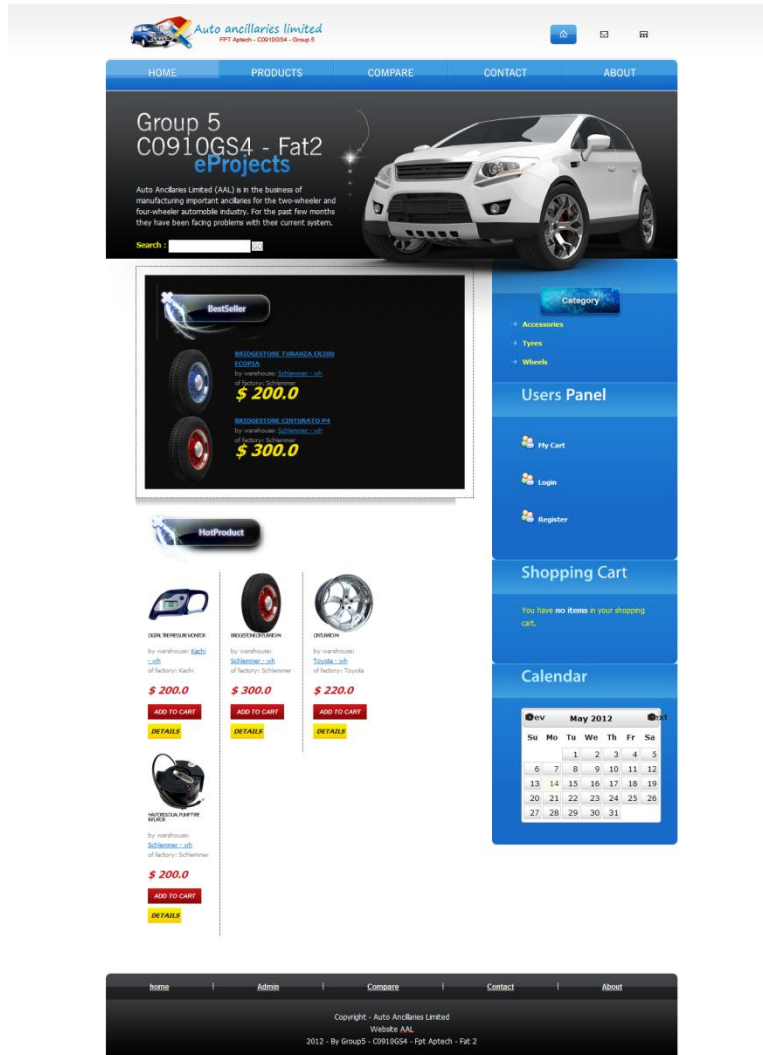
Finalize. Recheck templates for changes in SVN, Final tests.

5.2. Task Sheet

| | Start Time | Finish Time | Implemented by | Evaluation |
|---------------------------------|------------|-------------|------------------|------------|
| Document | 18/04/2012 | 22/04/2012 | All member | Completed |
| | 23/04/2012 | 27/02/2012 | All member | Completed |
| | 28/04/2012 | 15/05/2012 | All member | Completed |
| Analysis& Design Database | 19/04/2012 | 23/04/2012 | Dam Quang Hieu | Completed |
| | 19/04/2012 | 23/04/2012 | Nguyen Quy Bao | Completed |
| | 19/04/2012 | 23/04/2012 | Nguyen Quy Trong | Completed |
| Sytem designs | 24/04/2012 | 26/04/2012 | Dam Quang Hieu | Completed |
| Coding | 26/04/2012 | 15/05/2012 | Dam Quang Hieu | Completed |
| | 26/04/2012 | 15/05/2012 | Nguyen Quy Trong | Completed |
| | 26/04/2012 | 15/05/2012 | Nguyen Quy Bao | Completed |

6. Screenshots

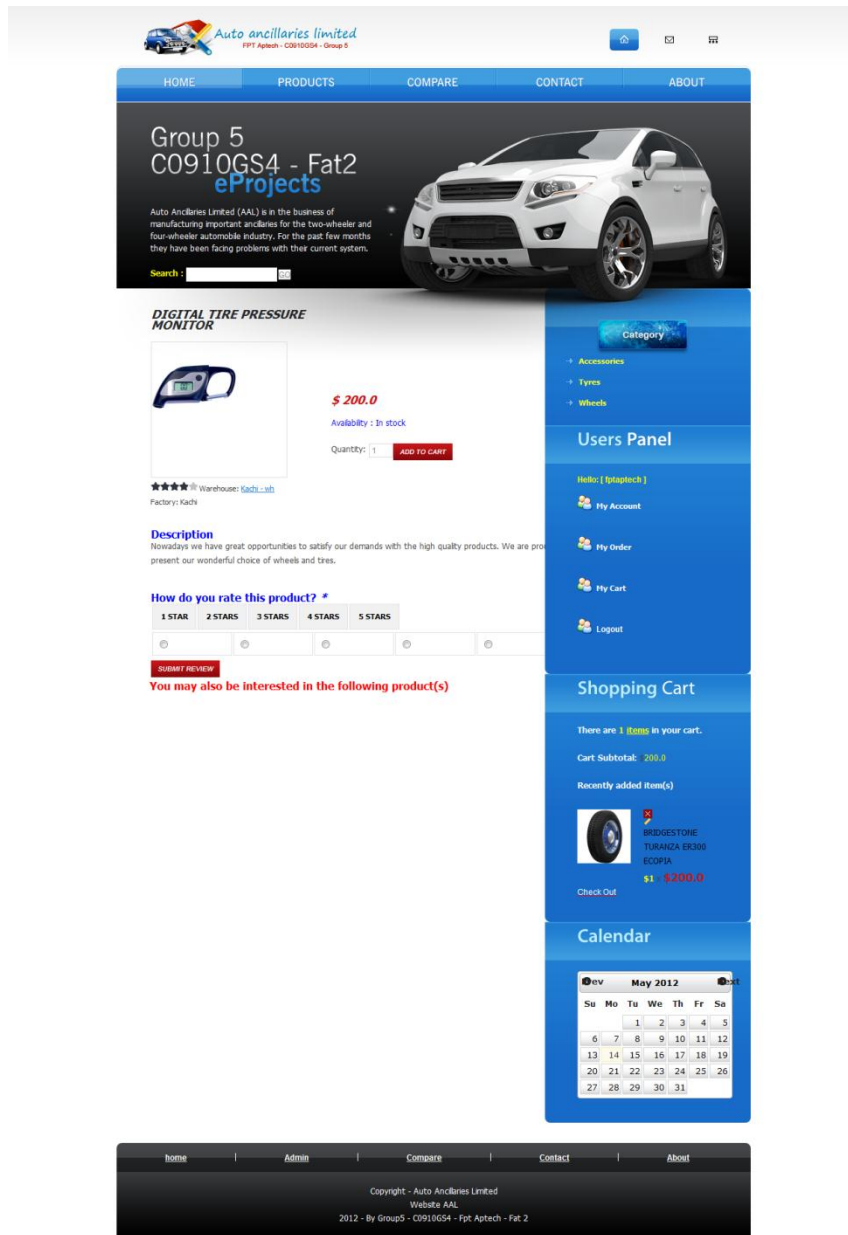
User



Home Page



View Product



View Details

Auto Ancillaries Limited
FPT Aptech - C0910GS4 - Group 5

HOME PRODUCTS COMPARE CONTACT ABOUT

Group 5
C0910GS4 - Fat2
eProjects

Auto Ancillaries Limited (AAL) is in the business of manufacturing important ancillaries for the two-wheeler and four-wheeler automobile industry. For the past few months they have been facing problems with their current system.

Search

LOGIN OR CREATE AN ACCOUNT

New Customers

By creating an account with our store, you will be able to move through the checkout process faster, store multiple shipping addresses, view and track your orders in your account and more.

REGISTER AN ACCOUNT

Registered Customers

If you have an account with us, please log in.

Username *

Password *

*REQUIRED FIELDS

Forgot Your Password?

Login

Accounts

Terms

Privacy

Users Panel

My Cart

Login

Register

Shopping Cart

You have no items in your shopping cart.

Calendar

May 2012

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

Home Address Cart Compare Contact About

Copyright © Auto Ancillaries Limited
Mumbai, India
2012 - By Group 5 - C0910GS4 - FPT Aptech - Fat 2

Login

Auto Ancillaries Limited
FPT Aptech - C0910GS4 - Group 5

HOME PRODUCTS COMPARE CONTACT ABOUT

Group 5
C0910GS4 - Fat2
eProjects

Auto Ancillaries Limited (AAL) is in the business of manufacturing important ancillaries for the two-wheeler and four-wheeler automobile industry. For the past few months they have been facing problems with their current system.

Search

CREATE AN ACCOUNT

Sign Up for Newsletter

Full Name *

Age *

Address *

Phone Number *

Email Address *

Username *

Password *

Confirm Password *

*REQUIRED FIELDS

Back

Register

Accounts

Terms

Privacy

Users Panel

My Cart

Login

Register

Shopping Cart

You have no items in your shopping cart.

Calendar

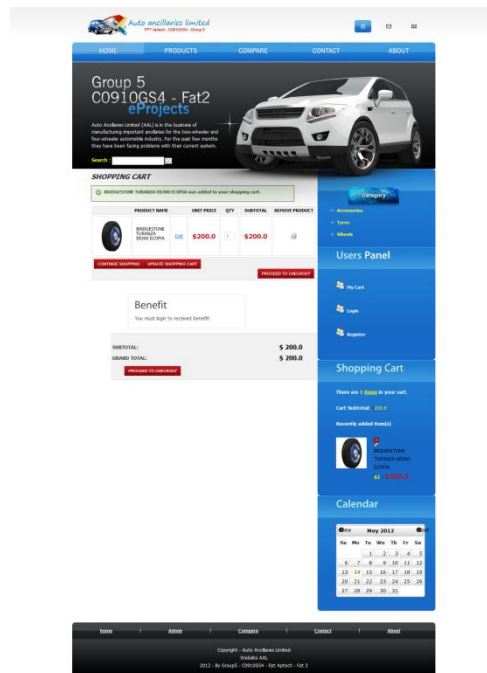
May 2012

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

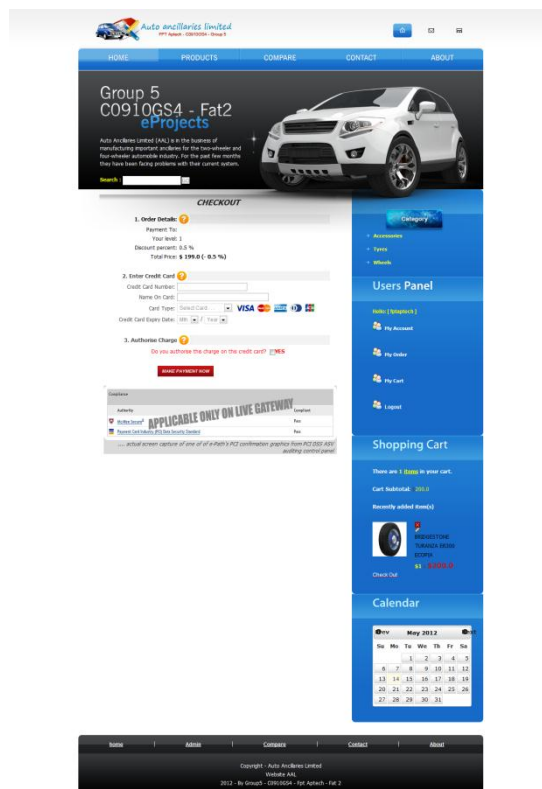
Home Address Cart Compare Contact About

Copyright © Auto Ancillaries Limited
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register



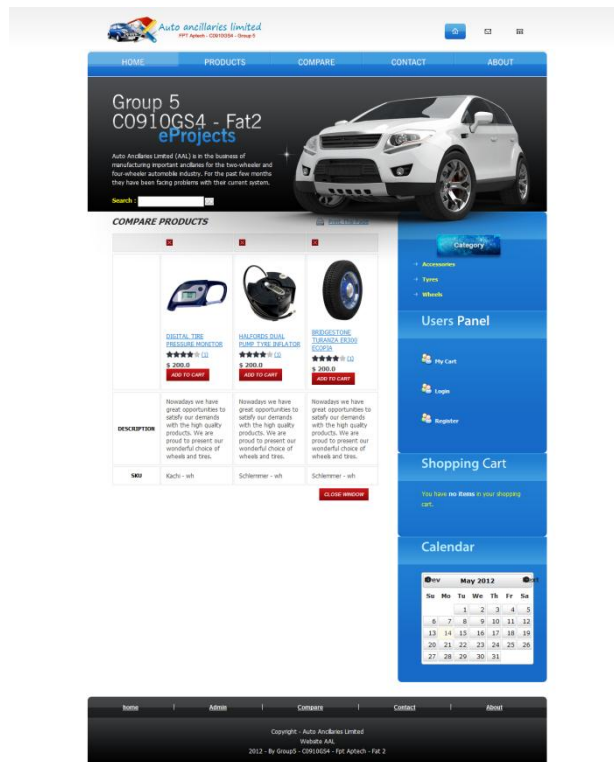
Cart



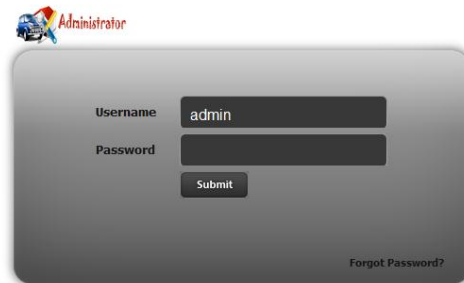
Checkout



My Cart



Compare Products

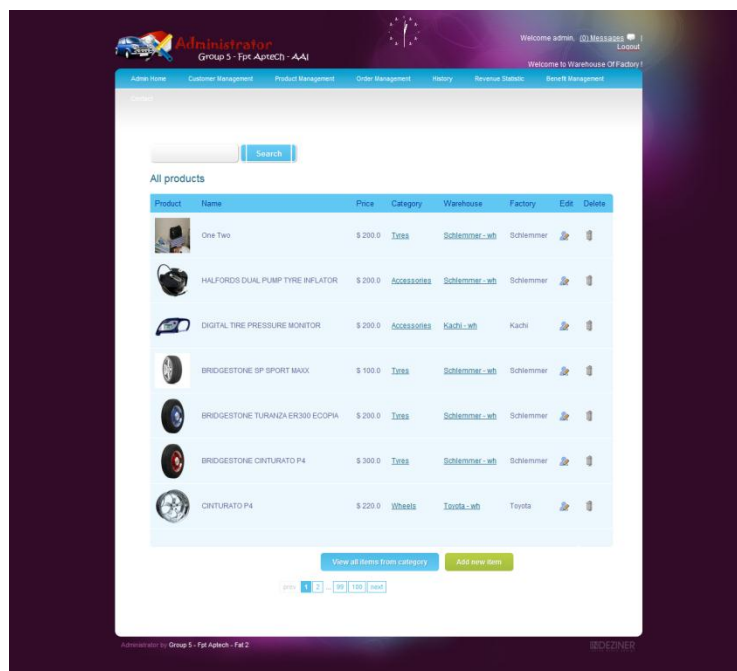
Admin

Administrator

Username:

Password:

[Forgot Password?](#)

Admin Login

Administrator Group 5 - Aptech - AAI

Welcome admin, Messages Logout

Welcome to Warehouse Of Factory!

Admin Home Customer Management Product Management Order Management History Revenue Status Item Management

Search

All products

| Product | Name | Price | Category | Warehouse | Factory | Edit | Delete |
|---------|----------------------------------|----------|-------------|--------------|-----------|------|--------|
| | One Two | \$ 200.0 | Tires | Schlemmer_wh | Schlemmer | | |
| | HALFORDS DUAL PUMP TYRE INFLATOR | \$ 200.0 | Accessories | Schlemmer_wh | Schlemmer | | |
| | DIGITAL TIRE PRESSURE MONITOR | \$ 200.0 | Accessories | Kachi_wh | Kachi | | |
| | BRIDGESTONE SP SPORT MAXX | \$ 100.0 | Tires | Schlemmer_wh | Schlemmer | | |
| | BRIDGESTONE TURANZA ER300 ECOPIA | \$ 200.0 | Tires | Schlemmer_wh | Schlemmer | | |
| | BRIDGESTONE CINTURATO P4 | \$ 300.0 | Tires | Schlemmer_wh | Schlemmer | | |
| | CINTURATO P4 | \$ 220.0 | Wheels | Toyota_wh | Toyota | | |

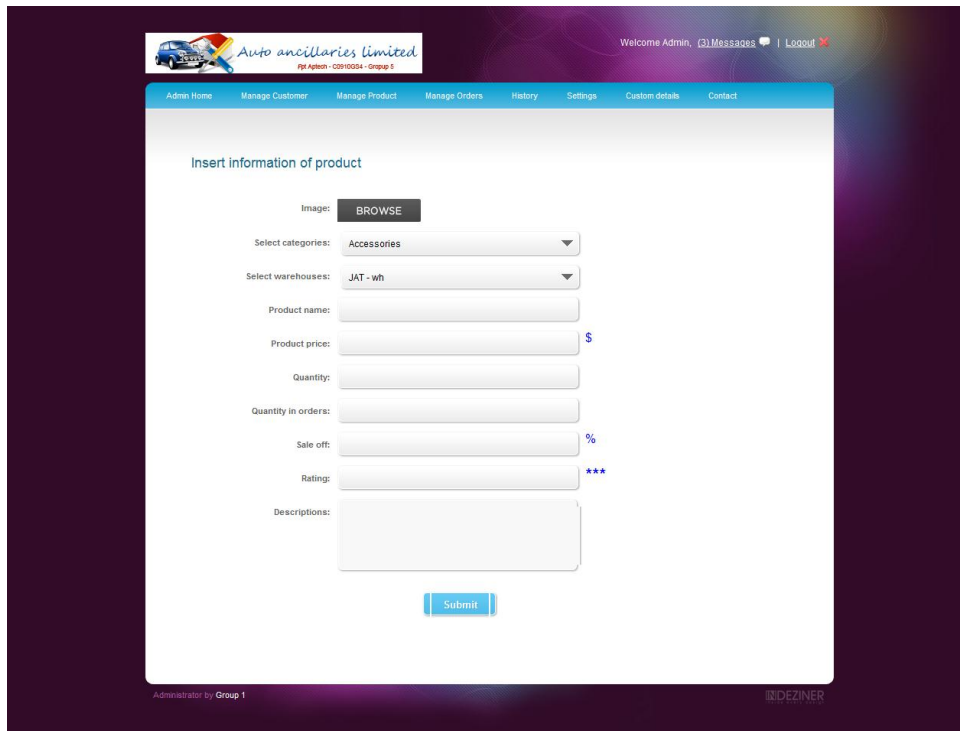
[View all items from category](#) [Add new item](#)

Page 1 of 1

Administrator by Group 5 - Aptech - Fat 2

IDEZNER

View Page



Auto ancillaries limited
FPT Aptech - C0910G-S4 - Group 5

Welcome Admin, (3) Messages | Logout

Admin Home Manage Customer Manage Product Manage Orders History Settings Custom details Contact

Insert information of product

Image:

Select categories: Accessories

Select warehouses: JAT - wh

Product name:

Product price: \$

Quantity:

Quantity in orders:

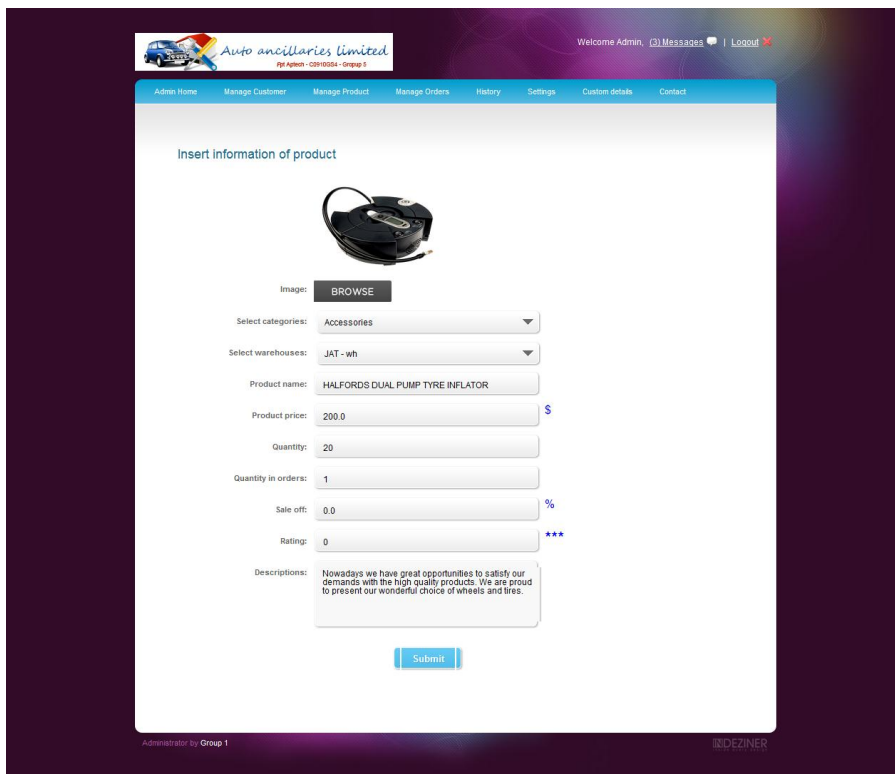
Sale off: %

Rating: ***

Descriptions:

Administrator by Group 1

INDEZINER

Add

Auto ancillaries limited
FPT Aptech - C0910G-S4 - Group 5

Welcome Admin, (3) Messages | Logout

Admin Home Manage Customer Manage Product Manage Orders History Settings Custom details Contact

Insert information of product




Image:

Select categories: Accessories

Select warehouses: JAT - wh

Product name: HALFORDS DUAL PUMP TYRE INFLATOR

Product price: 200.0 \$

Quantity: 20

Quantity in orders: 1

Sale off: 0.0 %

Rating: 0 ***

Descriptions: Nowadays we have great opportunities to satisfy our demands with the high quality products. We are proud to present our wonderful choice of wheels and tires.

Administrator by Group 1

INDEZINER

Edit

The screenshot displays the Administrator interface for Group 5 - Fpt Aptech - AAI. The top navigation bar includes links for Admin Home, Customer Management, Product Management, Order Management, History, Revenue Statistic, and Benefit Management. The main content area is titled "List Benefit" and contains a table with the following data:

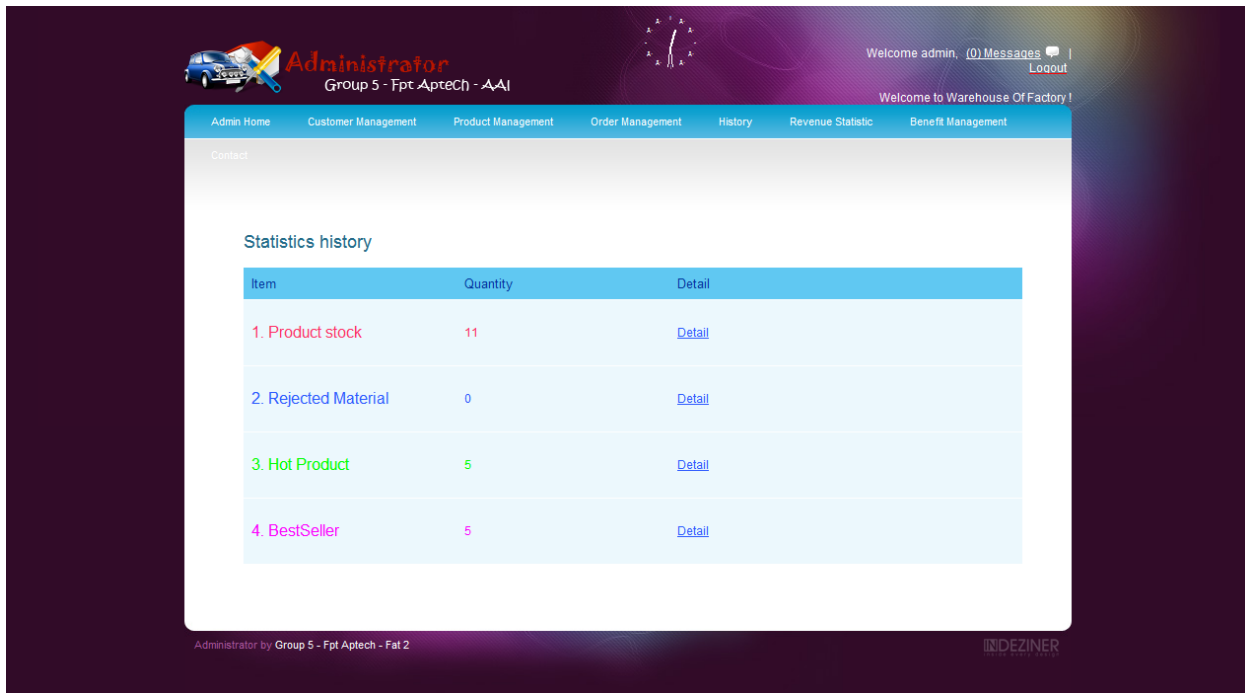
| Benefit ID | MinCost | MaxCost | Percent | Edit | Delete |
|------------|---------|---------|---------|------|--------|
| 1 | 300.0 | 500.0 | 0.5% | | |
| 2 | 500.0 | 800.0 | 1.0% | | |
| 3 | 800.0 | 1200.0 | 1.5% | | |
| 4 | 1200.0 | 1700.0 | 2.0% | | |
| 5 | 1700.0 | 2200.0 | 2.5% | | |
| 6 | 2200.0 | 2900.0 | 3.0% | | |
| 7 | 2900.0 | 4800.0 | 3.5% | | |
| 8 | 4800.0 | 5900.0 | 4.0% | | |
| 9 | 5900.0 | 7200.0 | 4.5% | | |
| 10 | 7200.0 | 10000.0 | 5.0% | | |
| 11 | 10000.0 | 15000.0 | 5.5% | | |
| 13 | 15000.0 | 21000.0 | 7.0% | | |
| 14 | 21000.0 | 28000.0 | 10.0% | | |
| 15 | 28000.0 | 35000.0 | 12.0% | | |
| 16 | 35000.0 | 45000.0 | 15.0% | | |

Below the table, there are two buttons: "View all items from category" and "Add new item". At the bottom, there is a pagination control showing "prev 1 2 ... 99 100 next".

Administrator by Group 5 - Fpt Aptech - Fat 2

INDEZINER

Benefit



The screenshot displays a web application interface for an administrator. At the top, there is a navigation bar with links: Admin Home, Customer Management, Product Management, Order Management, History, Revenue Statistic, and Benefit Management. Below this, a 'Statistics history' table is shown with the following data:

| Item | Quantity | Detail |
|----------------------|----------|------------------------|
| 1. Product stock | 11 | Detail |
| 2. Rejected Material | 0 | Detail |
| 3. Hot Product | 5 | Detail |
| 4. BestSeller | 5 | Detail |

The interface also includes a header with a clock, a welcome message 'Welcome admin, (0) Messages', and a 'Logout' link. The footer contains the text 'Administrator by Group 5 - Fpt Aptech - Fat 2' and a logo for 'IDEZINER'.

History

7. Other Concerns

After the fourth semester of six months study at FPT-Aptech International Training Center with ACCP Program, we have obtained the most useful and basic knowledge about programming skills by Java language, databases, communication and team work skills. We consider them the right and essential tools to start our IT career.

In order to finish this semester, we have been assigned to an e-Project of making an application using SQL and Java. We have all well aware that this is a great chance to practice and review what we have learned. Specifically, we have improved many skills and knowledge in Java programming, MS SQL server database technical aspects, we have also understood what is in a real application project. Last but not least, we have learnt how to utilize each team member's strengths to accomplish the project with winning spirit. And finally, I would like to offer many thanks to my teacher, my friends and the staff of FPT Aptech Centre for helping us finish this eProjects.

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