

OBJECT ORIENTED PROGRAMMING SESSIONAL

COURSE CODE: CSE 212

Project Name: Smart Shopping Complex Management System

PRESENTED TO:

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Problem Statement:

This problem is on Smart Shopping Complex System is the automation of registration process of a supermarket. The system is capable to provide much information such as customers Id, product name, quantity, price. The system allows us to add records when a customer buy something. It also allows us to update or delete a product based on customers requirements. For storing and retrival, we use the MySQL database. It enable us to add any number of records in our database from the frontend which is Java core. Any changes made in frontend will be reflected at the backend.



Need:


Electronically handling of customers purchase's record to enhance the accuracy,flexibity,reliability, and to remove the human error.An smart Smart Shopping Complex System for customer, generally with a recognized operating.To provide accurate information about the addition, deletion, and modified product data.To provide, efficient, accurate, reliable, fast, and robust structure that can handle any number of records. The global airline industry continues to grow rapidly, but consistent and robust profitability is elusive.

A few factors that direct us to develop a new system are given below:

- ▶ Faster System.
- ▶ Accuracy.
- ▶ Reliability.
- ▶ Informative.
- ▶ Order and cancellations from anywhere to any place.

Motivation:

This project on Smart Shopping Complex System is the automation of registration process of a super shop. The system provides information like customer's ID, list of all passengers, product name, quantity, price. It allows storing and retrieving data related to the super shop and make transactions related to buy a product etc. The system also allows us to add more product even when a customer gets receipt. For data storage and retrieval we use MySQL Database. It enables us to add any number of product in our database. The project "Smart Shopping Complex System" comprises to entry a large number of product which belong to a particular Super Shop. The system we have implemented manages different objects.



Requirements:

Software Requirement Specifications:

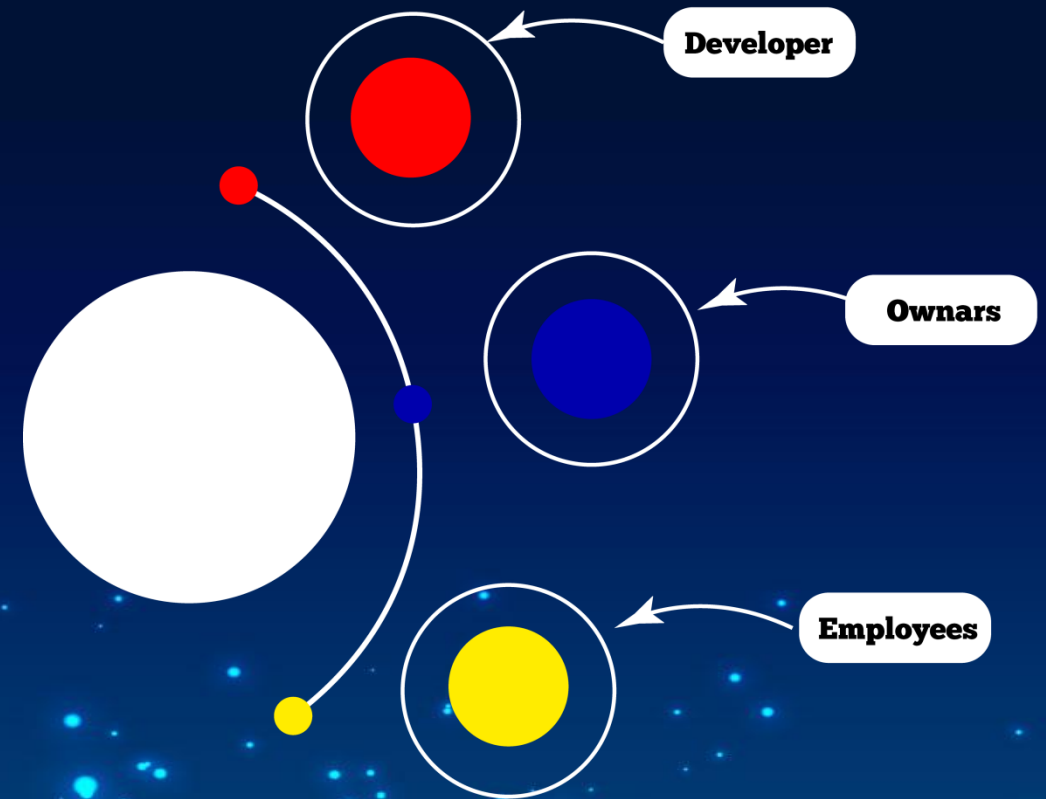
- ❖ Operating System Front End Back End Server Documentation:
- ❖ Windows 10
- ❖ Frontend Software: Java NetBeans 8.2: JDK 8
- ❖ Backend Software: MySQL

Hardware Specifications:

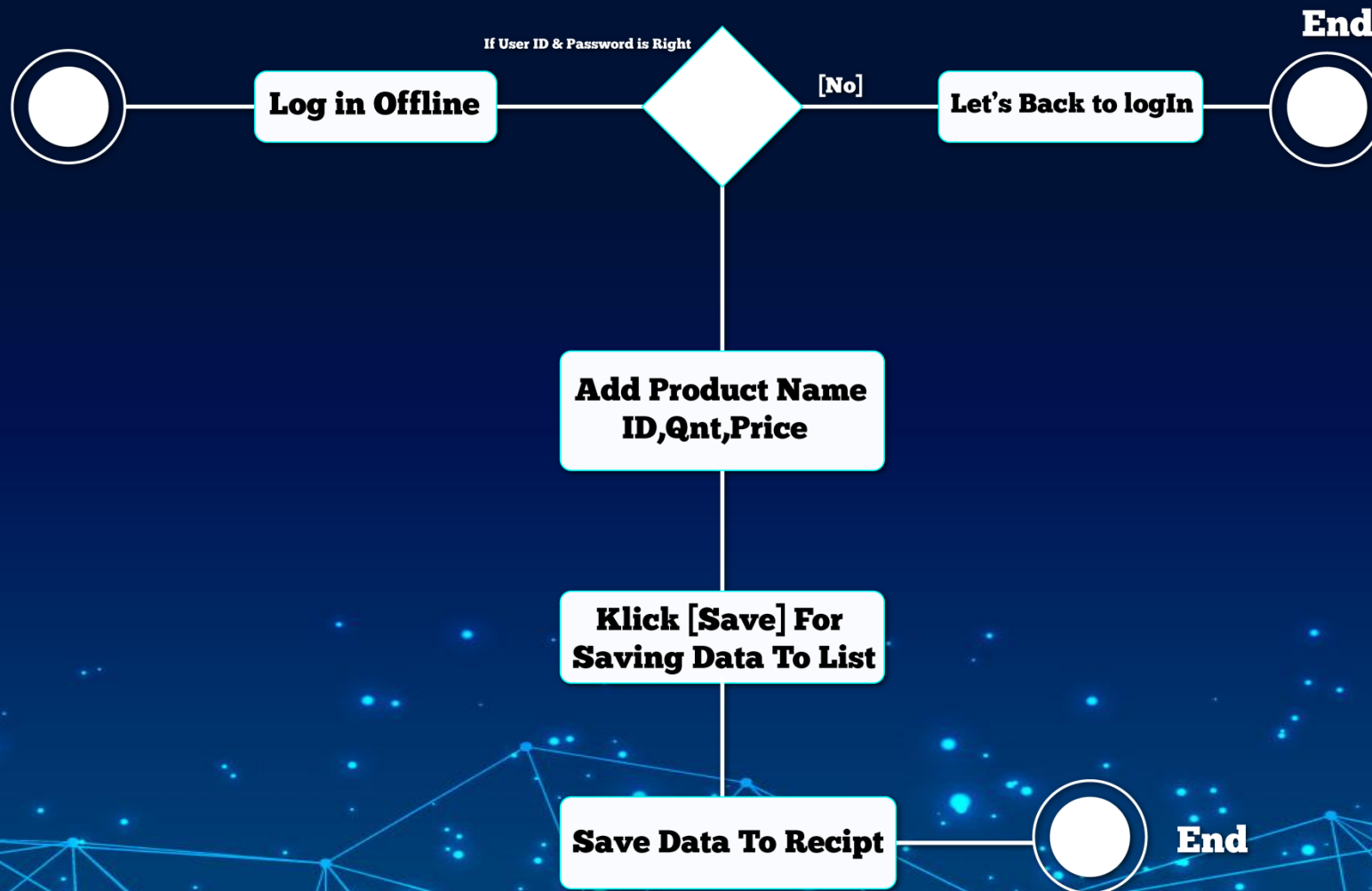
Asus Laptop.Processor 64bit Ryzen 5,Speed 2.1 GHz Processor.Hard Disk 1TB.RAM 4GB,Graphics card 2GB

STAKE HOLDER:

- Developer will be able to enter full software and they can operate the software with user Id Pass
- Owner also access the software for so many reason as like as Security .
- Employees must have the Id And password and access to deal with customer.
- General people Can access only recept.But they cannot access the software



ACTIVITY DIAGRAM :



User Interface(UI):



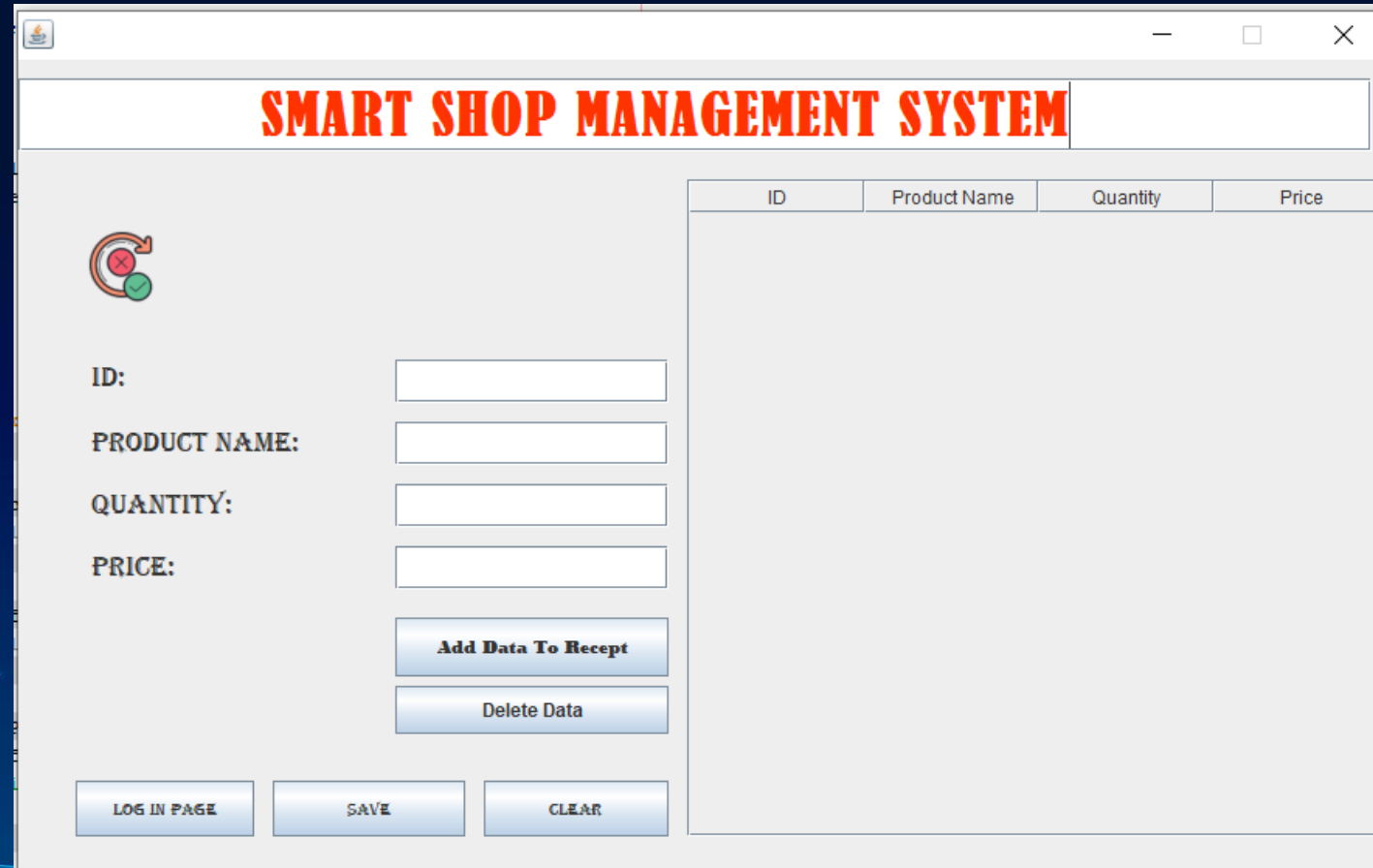
LOG IN OUR COMPLEX

Enter User Name

 LOG IN ☐ Show Password

Login Operation

User Interface(UI):

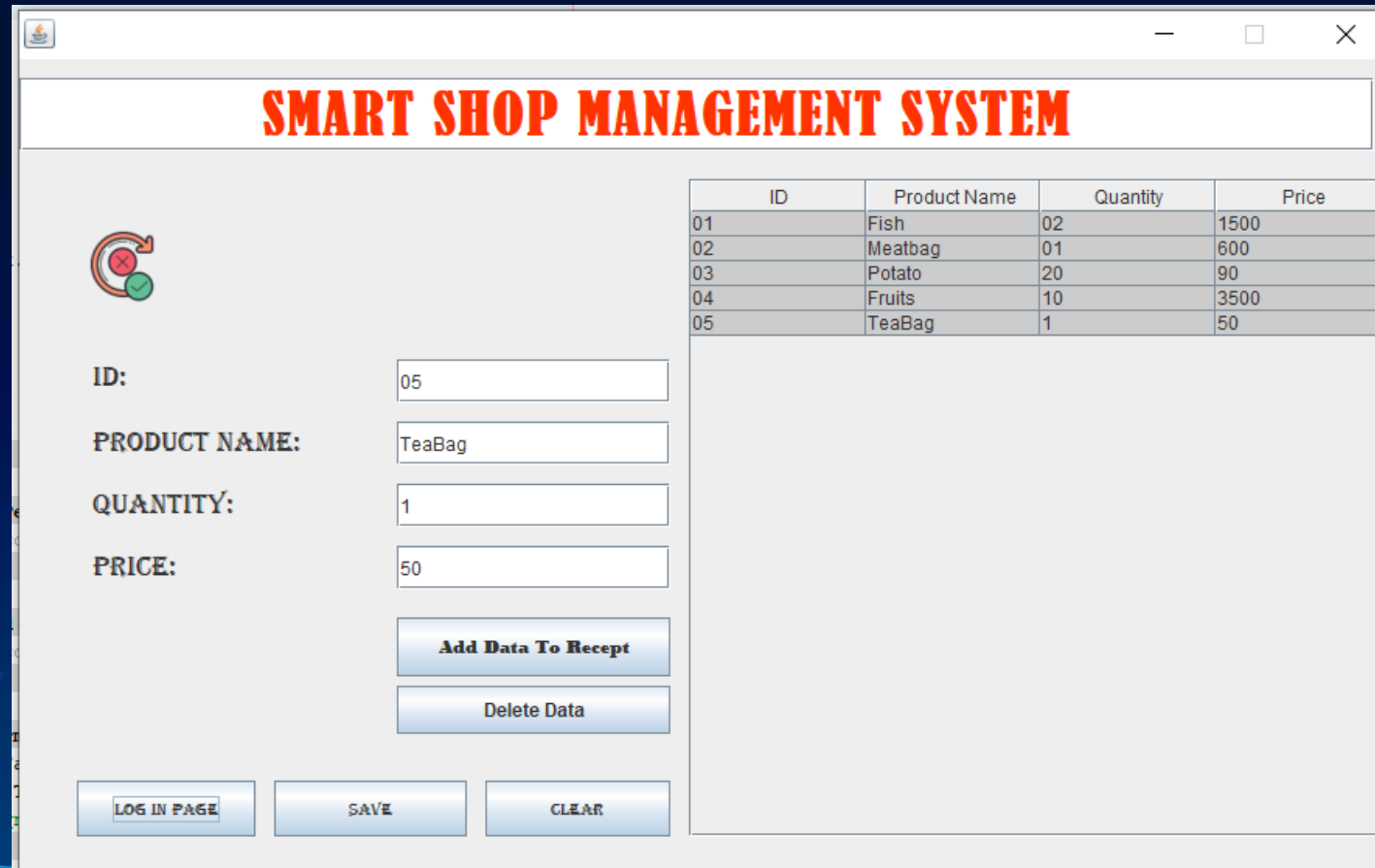


The screenshot displays the 'SMART SHOP MANAGEMENT SYSTEM' window. On the left, there is a circular icon with a red 'X' and a green checkmark. Below it are four input fields labeled 'ID:', 'PRODUCT NAME:', 'QUANTITY:', and 'PRICE:'. Under these fields are two buttons: 'Add Data To Receipt' and 'Delete Data'. At the bottom left are three buttons: 'LOG IN PAGE', 'SAVE', and 'CLEAR'. On the right side of the window is a table with four columns: 'ID', 'Product Name', 'Quantity', and 'Price'. The table is currently empty.

ID	Product Name	Quantity	Price
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Adding Product From Customer

User Interface(UI):



ID	Product Name	Quantity	Price
01	Fish	02	1500
02	Meatbag	01	600
03	Potato	20	90
04	Fruits	10	3500
05	TeaBag	1	50

Customer Receipt

User Interface(UI):

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: shopingcomplex » Table: management

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 4 (5 total, Query took 0.0012 seconds.)

`SELECT * FROM `management``

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	ID	ProductName	Quantity	Price
<input type="checkbox"/> Edit Copy Delete	01	Fish	02	1500
<input type="checkbox"/> Edit Copy Delete	02	Meatbag	01	600
<input type="checkbox"/> Edit Copy Delete	03	Potato	20	90
<input type="checkbox"/> Edit Copy Delete	04	Fruits	10	3500
<input type="checkbox"/> Edit Copy Delete	05	TeaBag	1	50

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Console

COST ANALYSIS:

Serial No	Item	Amount (BDT)
01	Software	1000\$(84,000)
02	Personal PC	2000\$(168,000)
03	Computer Hardware	2000\$(168,000)
04	Database Server	800\$(67,000)
05	Application Software Development	1000\$(84,000)
Total		7800\$(655,200)

THANK YOU



Q&A