

Project Report

Coffee-Shop-Management-System



Coffee-Shop-Management-System

ABSTRACT

A coffee shop has always been more than a place to have a beverage. It is a place to socialize, ideate, have fun and meet new people. As Starbucks puts it, it's the third place, a home away from home or office. Also, due to the competitive and busy lifestyles that people lead today, a coffee house near their work or home has become a major point of relaxation

Coffee-Shop-Management-system is general software developed particularly for the Coffeeshop transaction. This is a desktop application.

This software collects the details of Products, Costs, admin & Workers Information and their transaction. This software becomes useful for all the users in the Coffee Shops so that their transaction and details become up to date, since it is developed only for coffee shop so it is developed by using LAN concepts where multi-users can access single server at a same time using LAN and improve their business.

OBJECTIVE

As this is generic software it can be used by a wide variety of outlets (managers to customers) to automate the process of manually maintaining the records related to the subject of maintaining the transaction flows. Coffee Shop Management is very needy for Coffee Shops. This software helps the owners of Coffee Shops to maintain day to day transactions in computer.

HARDWARE AND SOFTWARE REQUIREMENT

HARDWARE REQUIREMENT:

Processor	Pentium IV Processor or higher
Processor Speed	850 MHz
Hard Disk	80GB or higher
Main Memory	1 GB SD RAM or higher
Display Type	SVGA Color Monitor

SOFTWARE REQUIREMENT

Running platform	Java SE Runtime Environment
Server Side Script (Front end)	Window Application
Database (Back End)	MY-SQL SEVER 5.6
Operating System	Windows vista Xp, 7. ,8 8.1, 10

Project description

This application develop in java 7.0 cross platform language and we use developing tools as Eclipse java ide. We use front end as java FX to front view for the user. Originally this is a CRUD program. We also use database mysql 5.6 server to store employee information and data.

First open this application user can choice what he can use that as a user that means he /she can enter the application as an admin or customer , chef, delivery boy or manager. Then he get his login window.

USED MODULES:-

In this system, these modules are still

- **Admin**
- **Customer**
- **Manager**
- **Delivery parson**
- **Chef**

Welcome to Coffee Shop Management System

Login As

Customer

Admin

Manager

Delivery Person

Chef



Admin Module:

If user login as admin then he get a window to his login and check his authorization. If granted the he can log in and get option. Then he can add employee and delete also. He also can update their information.

Welcome to Coffee Shop Management System

Admin Login

Login Id

Password

[Back](#)

Add Employee

Delete Employee

Add Employee

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Add Employee

Customer Module:

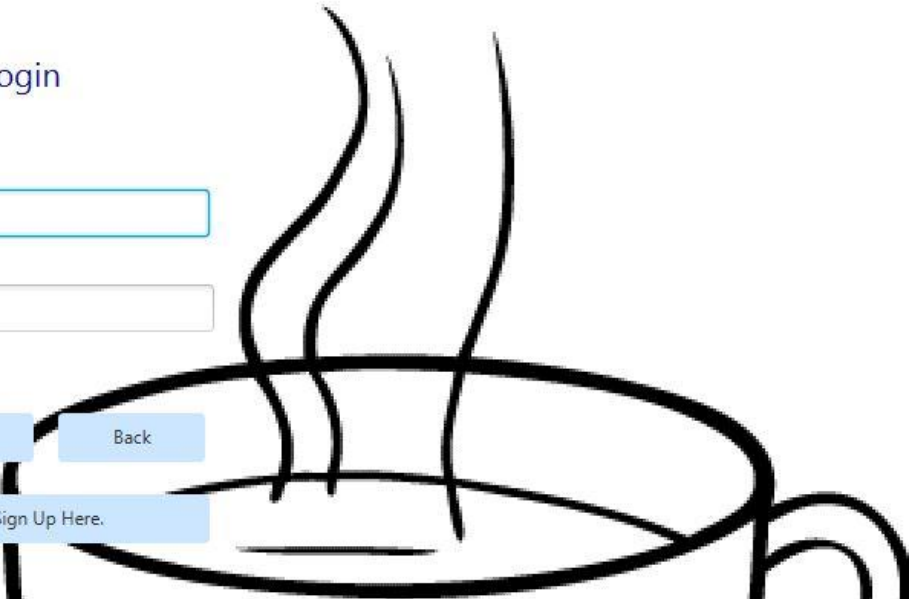
If he login as customer then he two option signup and login . if this authorization is ok then the get permission to enter and get a welcome message from coffee shop .Then he can also update his profile (update and delete) . If he can click update the get option to update his profile. Then he can get order and pay then confirms.

Welcome to Coffee Shop Management System

Customer Login

Login Id

Password



Welcome to Coffee Shop Management System

First Name:

Last Name:

User Name:

Password:

Contact No:

SSN:

Email:

Address:

Submit

Back

Online Coffee Shop Management System



Update Profile

Update Login ID

Update Password

Update Address

Update Contact No.

Update SSN

Update Email ID

Online Coffee Shop Management System

Welcome ocean.

Edit Profile

Delete Profile

Logout

menuitem_cd	categoryId	menuitem_cdName	menuitem_cdPrice	item
11	1	Espresso	10.00	The espresso (aka "short black") is the foundation and the most
12	1	Short Macchiato	15.00	A short macchiato is similar to an espresso but with a dollop of
13	1	Ristretto	12.00	A ristretto is an espresso shot that is extracted with the same an
21	1	Pepsi	2.00	Pepsi with ice and soda
22	1	Coca-Cola	3.00	Coca cola with soda
23	1	Fanta	2.00	Fanta with ice
41	1	Soda	2.00	Soda with ice
51	1	Apple Juice	3.00	Apple juice with Dry fruit
52	1	Watermelon	2.00	Watermelon juice with ice

Menu Item ID :

Add to Cart

Clear Cart

Cart:

Check Total

Place Order

Cart:

[Espresso, Short Macchiato, Pepsi, Apple Juice]

Total:

\$30.0

Name:

ocean

Address:

MBSTU

Confirm Order

Cancel Order

Manager module:

If he login as a manager the get authorization login window. Then get three option. they are view all order in a day and check the cash amount to sell. Then he can add an item or delete. And update the item. At last he can update his information also.

Welcome to Coffee Shop Management System

Manager Login

LogIn Id

manager

Password

.....

Login

Back

View Order Logs

View/Update Inventory

Update Personal Info.

Logout

Back

Orders Log:

orderId	userId	orderItems	orderPrice	
2	118	[Espresso, Short Macchiato, Pepsi]	162.00	
3	118	[Espresso, Short Macchiato, Pepsi, Apple Juice]	30.00	

Back

itemId	itemName	itemQuantity	
12	white bread	12	
13	wheat bread	15	
14	Chilli Sauce	20	

Delete InventoryAdd InventoryUpdate Inventory

Enter Item ID whose Quantity needs to be updated

Item ID

Item Quantity

Update Quantity

Delete InventoryAdd InventoryUpdate Inventory

Enter Item Id:

Delete Inventory Item

Delete Inventory

Add Inventory

Update Inventory

Item ID

Item Name

Item Quantity

Add Item

Back

Delete Inventory

Add Inventory

Update Inventory

Enter Item ID whose Quantity needs to be updated

Item ID

Item Quantity

Update Quantity

Update Profile

Update Login ID

Update Password

Update Address

Update Contact No.

Update SSN

Update Email ID

Delivery person Module:

If login as a delivery person the he get two option . He can check his delivery item to the customer and update his info.

Delivery Person Login

LogIn Id

Password

Login

Back

View Orders

Update Personal Info.

Orders Log:

orderId	userid	orderItems	orderPrice	
2	118	[Espresso, Short Macchiato, Pepsi]	162.00	
3	118	[Espresso, Short Macchiato, Pepsi, Apple Juice]	30.00	

Chef module:

If he login as chef then he get two option . Order and update information. If he click order the he know what his to prepare to serve and at last update his information.

Chef Login

LogIn Id

Password

Login

Back



orderId	userid	orderItems	orderPrice	
2	118	[Espresso, Short Macchiato, Pepsi]	162.00	
3	118	[Espresso, Short Macchiato, Pepsi, Apple Juice]	30.00	

Update Profile

Update Login ID

Update Password

Update Address

Update Contact No.

Update SSN

Update Email ID

Database Schema:

```
mysql> describe employee_cd ;
```

Field	Type	Null	Key	Default	Extra
empId	varchar(10)	NO	PRI	NULL	
firstname	varchar(15)	YES		NULL	
lastname	varchar(15)	YES		NULL	
phoneNo	bigint(10)	YES		NULL	
SSN	bigint(11)	YES		NULL	
email	varchar(25)	YES		NULL	
address	varchar(25)	YES		NULL	

```
7 rows in set (0.04 sec)
```

```
mysql> describe inventory_cd ;
```

Field	Type	Null	Key	Default	Extra
itemId	varchar(10)	NO	PRI	NULL	
itemName	varchar(20)	YES		NULL	
itemQuantity	bigint(10)	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> describe itemcategory_cd ;
```

Field	Type	Null	Key	Default	Extra
categoryId	bigint(10)	NO	PRI	NULL	
categoryName	varchar(20)	YES		NULL	

```
2 rows in set (0.00 sec)
```



```
mysql> describe menuitem_cd ;
```

Field	Type	Null	Key	Default	Extra
menuItem_cdId	varchar(10)	NO	PRI	NULL	
categoryId	bigint(10)	YES	MUL	NULL	
menuItem_cdName	varchar(15)	YES		NULL	
menuItem_cdPrice	float(10,2)	YES		NULL	
itemDesc	varchar(150)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> describe orderss_cd ;
```

Field	Type	Null	Key	Default	Extra
orderId	bigint(10)	NO	PRI	NULL	auto_increment
userid	varchar(10)	NO	MUL	NULL	
orderItems	varchar(400)	NO		NULL	
orderPrice	float(10,2)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> describe users_cd ;
```

Field	Type	Null	Key	Default	Extra
userId	varchar(10)	NO	PRI	NULL	
empId	varchar(10)	NO	MUL	NULL	
username	varchar(15)	YES		NULL	
password	varchar(15)	YES		NULL	
role	varchar(10)	YES		NULL	

```
5 rows in set (0.00 sec)
```

Future Work:

At first we develop our application as a desktop application. in future we develop our application as web base application so that an customer can order his item in online. we also pay system as online base like bkaash or bank card system.