

## **MINI PROJECT**

### **TEAM MEMBERS**

- 1. GANAPRIYA S 1917114**
- 2. SANDHIYA S 1917143**
- 3. RANJANI K 1917139**

## **BILLING MANAGEMENT SYSTEM**

### **AIM**

To create a desktop application to manage billing system using Java swing with JDBC(Java Database Connectivity) with help of xampp phpmyadmin to maintain database and to perform SQL queries.

### **PROJECT DESCRIPTION**

A software i.e. desktop application to manage billing system such as in supermarkets.

The database maintains details of employees , customers and items in a store and shopping details.

### **TABLES**

Register(Employee\_name, **Employee\_email Id**, Phoneno, Password, Module)

Items(**Item\_id**, Name, Category, Price, Description, Quantity, Image)

Customer(**Customer\_id**, Customer\_name, Phoneno)

Shopping details(**Id**, Customer\_name, Customer\_Phoneno, Biller\_name, Mode\_of\_payment, Items\_details, date-time)

1. Timer with progress bar frame loads and then home with login frame become visible.

2.Database connection using xampp used to track username and password from table register in database and make sure to login credentials if matches.

3.Depends on module attribute of table register, go to admin or employee profile frame.

4.In admin profile, we can register new employee by inserting data into table register, view all employees by retrieving from table register, change admin password by updating table register, add items and edit items in by inserting and updating details in table item.

5.Validations are applied for registration details in new employee registration for name, password, email\_id, Phoneno. If email ID already registered i.e. already available in table register ,then cannot able register new employee with same email ID.

6.In employee profile, has option to change password, update Phoneno by updating details in table register and start billing.

7.Items selected for billing and added to cart to calculate total amount by using collections in Java such as arrayList and hashMap.

8.In cart we can update or delete item by altering and deleting data in hashMap.

9.Customers details are saved by inserting in table customer .If customer details already available modifications will be done. Shopping details with customer details, biller details, mode of payments and items purchased are stored in table shopping\_details for future reference.

This project demonstrates the model of real time billing system and management of the system along with database.

## MODULE DESCRIPTION

### Java Swing

1. Login frame

Email

Password

Validate email and password, if already registered will be logged in. Admin logged in to admin page and other employees to employee frame.

## 2. Employee register frame

Name

Email

Password

Phone No

Register employee only if the user is an admin , and data stored in employee table.

## 3. Admin and employee password change frame

Old password

New password

Confirm password

Old password matched and new password matched with confirm password and changes reflected in database.

## 4. Employee profile editing frame

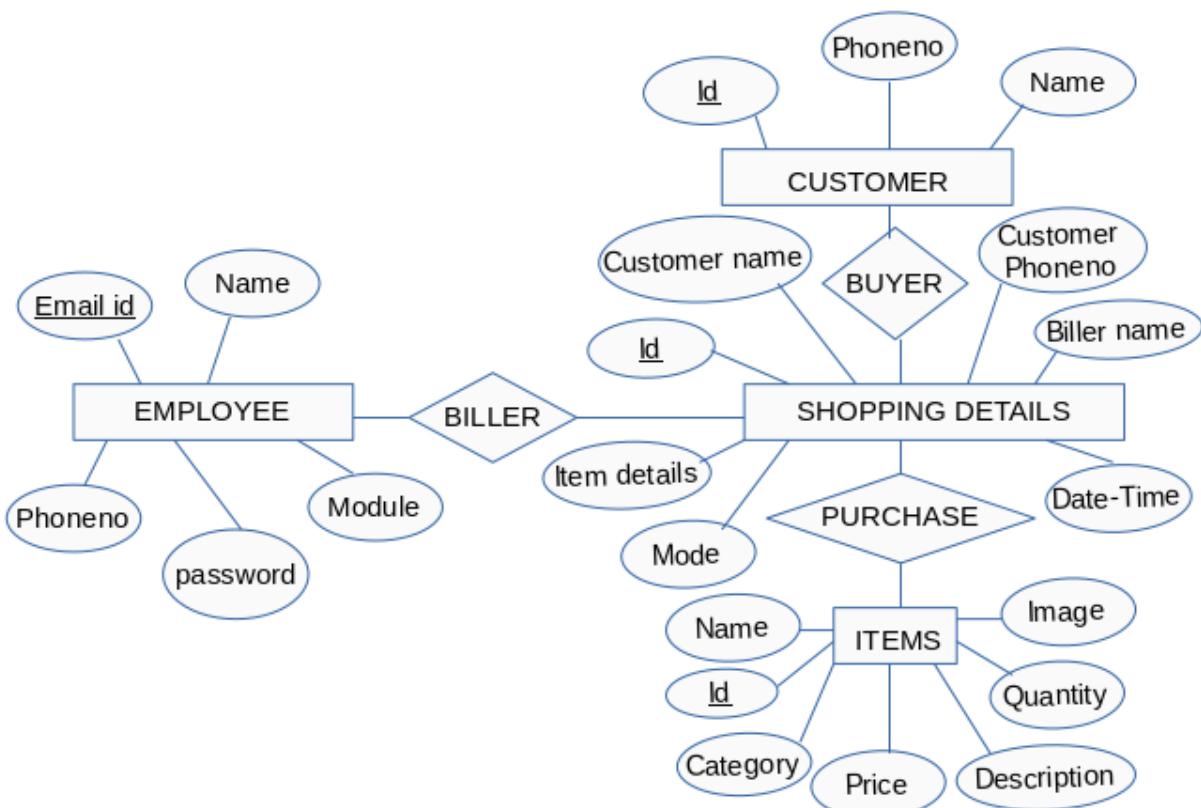
Name

Email

Phone No

Employee can view name ,email and phone no and not change name and email but can edit phone no and reflect change in database.

## ER DIAGRAM



## TABLES

Register(Employee\_name, **Employee\_email Id**, Phoneno, Password, Module)

Items(**Item\_id**, Name, Category, Price, Description, Quantity, Image)

Customer(**Customer\_id**, Customer\_name, Phoneno)

**Shopping details(Id, Customer\_name, Customer\_Phoneno, Biller\_name, Mode\_of\_payment, Items\_details, date-time)**

**TABLE 1 - REGISTER: EMPLOYEE DETAILS**

The screenshot shows the phpMyAdmin interface for the 'bill' database. The left sidebar shows tables: New, bill, New, customer, item, register, shopping, emp, and information\_schema. The 'register' table is selected in the main area. The 'Table structure' tab is active, displaying the following schema:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>name</b>	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	<b>email</b>	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	<b>password</b>	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
4	<b>phoneno</b>	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
5	<b>module</b>	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

The screenshot shows the phpMyAdmin interface for the 'bill' database. The left sidebar shows tables: New, bill, New, customer, item, register, shopping, emp, information\_schema, and lab2. The 'Structure' tab is active, displaying the following table list:

Table	Action	Rows	Type	Collation	Size	Overhead
customer	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	20	InnoDB	utf8mb4_general_ci	16.0 KiB	-
item	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	20	InnoDB	utf8mb4_general_ci	1.5 MiB	-
register	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	21	InnoDB	utf8mb4_general_ci	16.0 KiB	-
shopping	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	22	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<b>4 tables Sum</b>		<b>83</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>1.5 MiB</b>	<b>0 B</b>

```

MariaDB [bill]> use bill;
Database changed
MariaDB [bill]> show tables;
+-----+
| Tables_in_bill |
+-----+
| customer      |
| item          |
| register      |
| shopping      |
+-----+
4 rows in set (0.001 sec)

MariaDB [bill]> describe register;
+-----+-----+-----+-----+-----+-----+
| Field      | Type       | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| name       | varchar(100) | NO   |     | NULL    |       |
| email      | varchar(100) | NO   | PRI | NULL    |       |
| password   | varchar(100) | NO   |     | NULL    |       |
| phoneno   | varchar(100) | NO   |     | NULL    |       |
| module     | varchar(100) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

```

```
MariaDB [bill]> select * from register;
+-----+-----+-----+-----+-----+
| name | email | password | phoneno | module |
+-----+-----+-----+-----+-----+
| admin | admin@gmail.com | admin2001 | 1234567890 | admin |
| Akshay | Akshay@gmail.com | akshay | 1234567898 | employee |
| Amit | Amit@gmail.com | amit | 1234567895 | employee |
| Ashwin | Ashwin@gmail.com | ashwini | 1234567884 | employee |
| Bavya | Bavya@gmail.com | bavya | 1234567886 | employee |
| Charu | Charu@gmail.com | charu | 1234567899 | employee |
| Faran | Faran@gmail.com | faran | 1234567881 | employee |
| Geetha | Geetha@gmail.com | geetha | 1234567887 | employee |
| Gopi | Gopi@gmail.com | gopi | 1234567894 | employee |
| Hari | Hari@gmail.com | hari | 1234567880 | employee |
| Harish | Harish@gmail.com | Harish | 1234567832 | employee |
| Kumar | kumar@gmail.com | Kumar | 1234567891 | employee |
| Latha | Latha@gmail.com | latha | 1234567896 | employee |
| Priya | Priya@gmail.com | priya | 1234567883 | employee |
| Ram | Ram@gmail.com | ram | 1234567893 | employee |
| Ravirao | Ravi@gmail.com | ravi | 1234567885 | employee |
| Sameeksha | sameeksha@gmail.com | sameeksha | 1234567834 | employee |
| Sasi | Sasi@gmail.com | sasi | 9876567899 | employee |
| Tharun | Tharun@gmail.com | tharun | 1234567897 | employee |
| Uvaraj | Uvaraj@gmail.com | uvaraj | 1234567888 | employee |
| Yash | Yash@gmail.com | yash | 1234567882 | employee |
+-----+-----+-----+-----+-----+
21 rows in set (0.001 sec)
```

**TABLE 2 - ITEM DETAILS**

The screenshot shows the phpMyAdmin interface for the 'item' table in the 'bill' database. The table has seven columns: id, name, price, category, description, quantity, and image. The 'id' column is the primary key (PRI). The 'image' column is of type longblob.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<b>id</b>	varchar(100)	utf8mb4_general_ci		No	None			Change  Drop  More
2	<b>name</b>	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
3	<b>price</b>	text	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
4	<b>category</b>	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
5	<b>description</b>	varchar(3000)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
6	<b>quantity</b>	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
7	<b>image</b>	longblob			Yes	NULL			Change  Drop  More

```
MariaDB [bill]> describe item;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id | varchar(100) | NO | PRI | NULL | |
| name | varchar(100) | YES | | NULL | |
| price | text | YES | | NULL | |
| category | varchar(100) | YES | | NULL | |
| description | varchar(3000) | YES | | NULL | |
| quantity | varchar(100) | YES | | NULL | |
| image | longblob | YES | | NULL | |
+-----+-----+-----+-----+-----+
7 rows in set (0.001 sec)
```

phpMyAdmin

Recent Favorites

Server: localhost » Database: bill » Table: item

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 19 (20 total, Query took 0.0040 seconds.)

SELECT \* FROM `item`

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

Profiling [Edit inline] [ Edit ]

+ Options

	id	name	price	category	description	quantity	image
<input type="checkbox"/>	1	Leggings	500	Clothes	Cotton	20	[BLOB - 103.6 KiB]
<input type="checkbox"/>	10	Chips	10	Food	Delicious chips crunchy	20	[BLOB - 96.5 KiB]
<input type="checkbox"/>	11	biscuits	10	Food	Sweet biscuits	20	[BLOB - 6.6 KiB]
<input type="checkbox"/>	12	Sweet	400	Food	Delicious yummy sweet	20	[BLOB - 14.7 KiB]
<input type="checkbox"/>	13	chocolate	20	Food	Chocolathy...yummy	50	[BLOB - 72.3 KiB]
<input type="checkbox"/>	14	Coffee	15	Food	heavy coffee beans	20	[BLOB - 114.9 KiB]
<input type="checkbox"/>	15	Jacket	200	Clothes	Light weight product	30	[BLOB - 87.5 KiB]
<input type="checkbox"/>	16	sweater	400	Clothes	tolerate heavy cold weather	28	[BLOB - 53.6 KiB]
<input type="checkbox"/>	17	Cap	50	Clothes	stylish cap	20	[BLOB - 111.8 KiB]
<input type="checkbox"/>	18	Cake	200	Food	Any flavours available	20	[BLOB - 11.1 KiB]
<input type="checkbox"/>	19	Umberalla	100	Clothes	Colorful one	60	[BLOB - 32.6 KiB]
<input checked="" type="checkbox"/>	2	tops	300	Clothes	Cotton top	50	[BLOB - 15.7 KiB]
<input type="checkbox"/>	20	TeddyBear	200	Toys	Soft and smooth 3.4 inch teddy	20	[BLOB - 13.7 KiB]
<input type="checkbox"/>	3	Shirt	300	Clothes	Cottonshirt	34	[BLOB - 33.4 KiB]
<input type="checkbox"/>	4	Pant	500	Clothes	Cotton mixed polyster pant	76	[BLOB - 14.9 KiB]
<input type="checkbox"/>	5	Shawl	100	Clothes	Cotton shawl	20	[BLOB - 74.2 KiB]
<input type="checkbox"/>	6	Saree	400	Clothes	Polyster light weight saree	39	[BLOB - 6.5 KiB]
<input type="checkbox"/>	7	CarToy	100	Toys	Playful toy	10	[BLOB - 90.1 KiB]
<input type="checkbox"/>	8	Doll	50	Toys	Barbie doll	9	[BLOB - 15.5 KiB]
<input type="checkbox"/>	9	GunToy	150	Toys	Gun playtoy	20	[BLOB - 10.6 KiB]

Check all With selected:  Edit  Copy  Delete  Export

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

**TABLE 3 - CUSTOMER DETAILS**

```
MariaDB [bill]> describe customer;
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key  | Default | Extra       |
+-----+-----+-----+-----+-----+
| id    | int(11)   | NO   | PRI  | NULL    | auto_increment |
| phoneno | varchar(10) | NO   |      | NULL    |              |
| name  | varchar(100) | NO   |      | NULL    |              |
+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)
```

```
MariaDB [bill]> select * from customer;
+----+-----+-----+
| id | phoneno | name   |
+----+-----+-----+
| 1  | 9876543211 | Priya  |
| 2  | 9876543212 | Manasa |
| 3  | 9876543213 | Gowtham|
| 4  | 9876543214 | Srisha |
| 5  | 9876543215 | Kajal   |
| 6  | 9876543216 | Suresh |
| 7  | 9876543217 | Ramesh |
| 8  | 9876543218 | SasiKumar|
| 9  | 9876543219 | Ramji   |
| 10 | 9876543210 | Gowri   |
| 11 | 9876543220 | Jairam  |
| 12 | 9876543221 | Udai    |
| 13 | 9876543222 | Harish  |
| 14 | 9876543223 | Ajay    |
| 15 | 9876543224 | Tarun   |
| 16 | 9876543225 | Pranav  |
| 17 | 9876543226 | Yadav   |
| 18 | 9876543227 | Yash    |
| 19 | 9876543228 | Imrankhan|
| 20 | 2345678901 | Dinesh  |
+----+-----+-----+
20 rows in set (0.001 sec)
```

**TABLE 4 - SHOPPING DETAILS**

```
MariaDB [bill]> describe shopping;
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default           | Extra          |
+-----+-----+-----+-----+-----+
| id    | int(11)   | NO  | PRI | NULL            | auto_increment |
| phoneno | varchar(100) | NO  |     | NULL           |
| name   | varchar(10) | NO  |     | NULL           |
| details | text       | NO  |     | NULL           |
| mode   | varchar(20) | NO  |     | NULL           |
| biller | varchar(20) | NO  |     | NULL           |
| datetime | datetime  | NO  |     | current_timestamp() |
+-----+-----+-----+-----+-----+
7 rows in set (0.001 sec)
```

```
MariaDB [bill]> select * from shopping;
+-----+-----+-----+-----+-----+-----+
| id | phoneno | name   | details          | mode | biller | datetime
+-----+-----+-----+-----+-----+-----+
| 1  | 9876543211 | Priya  | {1=[10, Chips, 10, Food, 1, 10], 2=[11, biscuits, 10, Food, 1, 10], 3=[12, Sweet, 400, Food, 1, 400]} | Cash | Priya | 2021-04-18 12:56:44 |
| 2  | 9876543212 | Manasa | {1=[6, Saree, 400, Clothes, 1, 400], 2=[1, Leggings, 500, Clothes, 4, 2000]} | Card | Amit  | 2021-04-18 12:57:39 |
| 3  | 9876543213 | Gowtham | {1=[12, Sweet, 400, Food, 1, 400]} | Cash | Priya | 2021-04-18 12:58:06 |
| 4  | 9876543214 | Srisha  | {1=[5, Shawl, 100, Clothes, 1, 100], 2=[2, tops, 300, Clothes, 1, 300], 3=[1, Leggings, 500, Clothes, 1, 500]} | Cash | Priya | 2021-04-18 12:59:16 |
| 5  | 9876543215 | Kajal   | {1=[8, Doll, 50, Toys, 1, 50], 2=[10, Chips, 10, Food, 6, 60]} | Cash | Priya | 2021-04-18 13:00:01 |
| 6  | 9876543216 | Suresh  | {1=[4, Pant, 500, Clothes, 1, 500]} | Cash | Priya | 2021-04-18 13:06:12 |
| 7  | 9876543217 | Ramesh  | {1=[3, Shirt, 300, Clothes, 4, 1200]} | Card | Amit  | 2021-04-18 13:07:47 |
| 8  | 9876543218 | SasiKumar | {2=[9, GunToy, 150, Toys, 1, 150]} | Cash | Priya | 2021-04-18 13:15:50 |
| 9  | 9876543219 | Ramji   | {1=[17, Cap, 50, Clothes, 1, 50], 2=[18, Cake, 200, Food, 1, 200]} | Card | Amit  | 2021-04-18 13:16:35 |
| 10 | 9876543210 | Gowri   | {1=[1, Leggings, 500, Clothes, 1, 500]} | Cash | Priya | 2021-04-18 13:27:03 |
| 11 | 9876543220 | Jairam  | {1=[5, Shawl, 100, Clothes, 1, 100], 2=[15, Jacket, 200, Clothes, 1, 200]} | Cash | Priya | 2021-04-18 13:27:55 |
| 13 | 9876543222 | Harish  | {1=[7, CarToy, 100, Toys, 1, 100], 2=[9, GunToy, 150, Toys, 4, 600]} | Cash | Priya | 2021-04-18 13:30:41 |
| 14 | 9876543223 | Ajay    | {1=[8, Doll, 50, Toys, 1, 50], 2=[2, tops, 300, Clothes, 1, 300]} | Cash | Priya | 2021-04-18 13:31:19 |
| 15 | 9876543224 | Tarun   | {1=[8, Doll, 50, Toys, 1, 50]} | Cash | Priya | 2021-04-18 13:32:05 |
| 16 | 9876543225 | Pranav  | {1=[9, GunToy, 150, Toys, 1, 150], 2=[12, Sweet, 400, Food, 4, 1600]} | Card | Amit  | 2021-04-18 13:32:54 |
| 17 | 9876543226 | Yadav   | {1=[9, GunToy, 150, Toys, 3, 450], 2=[7, CarToy, 100, Toys, 1, 100], 3=[1, Leggings, 500, Clothes, 1, 500]} | Card | Amit  | 2021-04-18 13:35:04 |
| 18 | 9876543227 | Yash    | {1=[9, GunToy, 150, Toys, 1, 150]} | Cash | Priya | 2021-04-18 13:39:51 |
| 19 | 9876543228 | Imrankhan | {1=[19, Umberalla, 100, Clothes, 1, 100]} | Cash | Priya | 2021-04-18 13:40:27 |
| 20 | 9876543212 | Manasa  | {1=[2, tops, 300, Clothes, 1, 300], 3=[19, Umberalla, 100, Clothes, 4, 400]} | Cash | Priya | 2021-04-18 18:32:36 |
| 21 | 2345678901 | Dinesh  | {1=[2, tops, 300, Clothes, 1, 300], 2=[20, TeddyBear, 200, Toys, 1, 200]} | Cash | Priya | 2021-04-18 18:35:42 |
| 22 | 9876543213 | Gowtham | {1=[1, Leggings, 500, Clothes, 1, 500]} | Card | Amit  | 2021-04-19 09:51:01 |
+-----+-----+-----+-----+-----+-----+
22 rows in set (0.001 sec)
```

**phpMyAdmin**

Server: localhost > Database: bill > Table: shopping

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Showing rows 0 - 21 (22 total, Query took 0.0017 seconds.)

SELECT \* FROM `shopping`

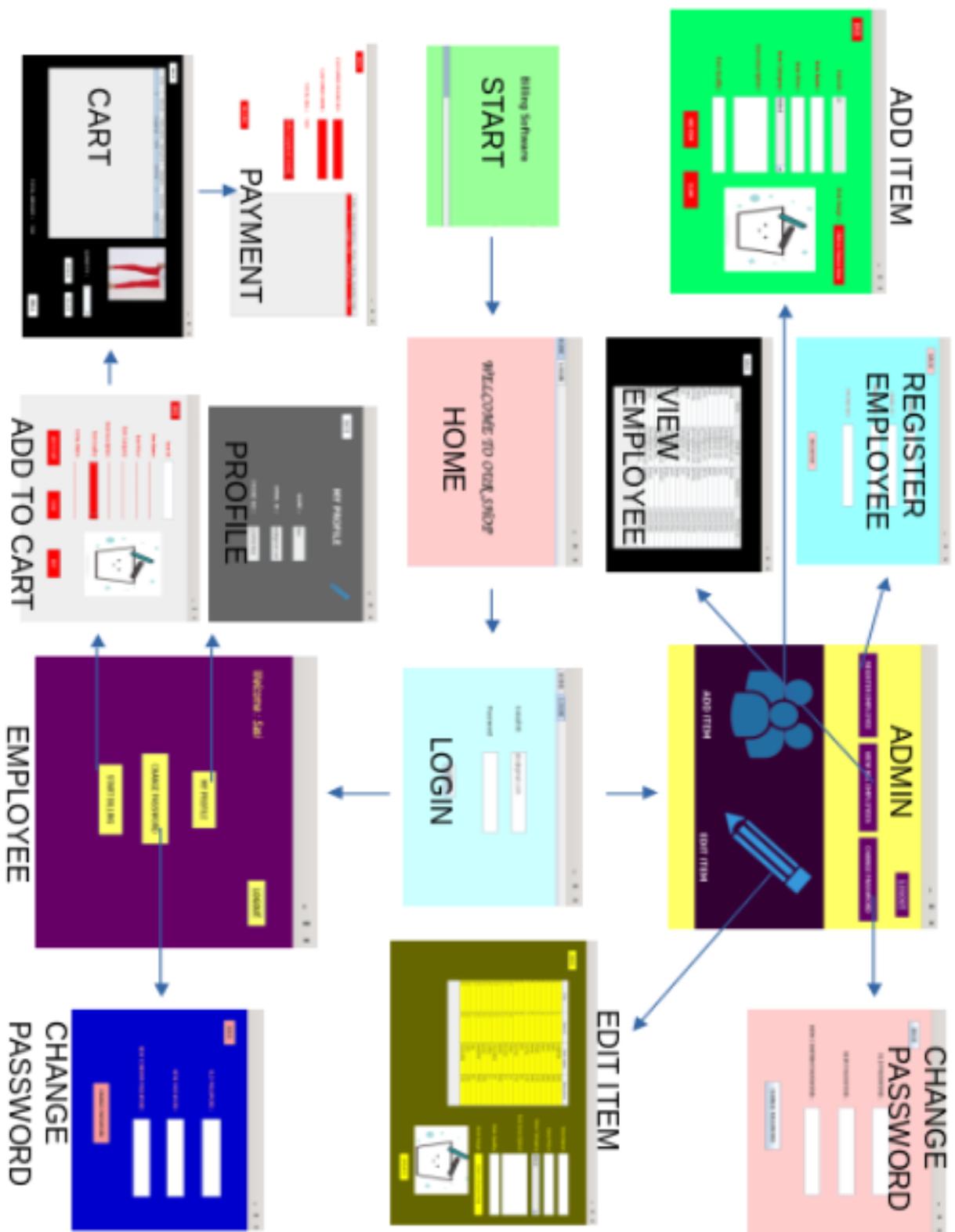
Profiling [Edit inline] [ Edit ] [ Explain SQL ] [ Create ]

	Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None	
+ Options								
← →	▼	<b>id</b>	<b>phoneno</b>	<b>name</b>	<b>details</b>	<b>mode</b>	<b>biller</b>	<b>datetime</b>
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	1	9876543211 Priya {1=[10, Chips, 10, Food, 1, 10], 2=[11, biscuits, 10, Food, 1, 10], 3=[12, Sweet, 400, Food, 1, 400]}	Cash	Priya	2021-04-18 12:56:44
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	2	9876543212 Manasa {1=[6, Saree, 400, Clothes, 1, 400], 2=[1, Leggings, 500, Clothes, 4, 2000]}	Card	Amit	2021-04-18 12:57:39
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	3	9876543213 Gowtham {1=[12, Sweet, 400, Food, 1, 400]}	Cash	Priya	2021-04-18 12:58:06
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	4	9876543214 Srisha {1=[5, Shawl, 100, Clothes, 1, 100], 2=[2, tops, 300, Clothes, 1, 300], 3=[1, Leggings, 500, Clothes, 1, 500]}	Cash	Priya	2021-04-18 12:59:16
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	5	9876543215 Kajal {1=[8, Doll, 50, Toys, 1, 50], 2=[10, Chips, 10, Food, 6, 60]}	Cash	Priya	2021-04-18 13:00:01
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	6	9876543216 Suresh {1=[4, Pant, 500, Clothes, 1, 500]}	Cash	Priya	2021-04-18 13:06:12
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	7	9876543217 Ramesh {1=[3, Shirt, 300, Clothes, 4, 1200]}	Card	Amit	2021-04-18 13:07:47
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	8	9876543218 SasiKumar {2=[9, GunToy, 150, Toys, 1, 150]}	Cash	Priya	2021-04-18 13:15:50
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	9	9876543219 Ramji {1=[17, Cap, 50, Clothes, 1, 50], 2=[18, Cake, 200, Food, 1, 200]}	Card	Amit	2021-04-18 13:16:35
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	10	9876543210 Gowri {1=[1, Leggings, 500, Clothes, 1, 500]}	Cash	Priya	2021-04-18 13:27:03
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	11	9876543220 Jairam {1=[5, Shawl, 100, Clothes, 1, 100], 2=[15, Jacket, 200, Clothes, 1, 200]}	Cash	Priya	2021-04-18 13:27:55
<input checked="" type="checkbox"/>	<input type="checkbox"/> Console	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	12	9876543221 Udai {1=[6, Saree, 400, Clothes, 1, 400]}	Card	Amit	2021-04-18 13:28:56
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	13	9876543222 Harish {1=[7, CarToy, 100, Toys, 1, 100], 2=[9, GunToy, 150, Toys, 1, 150]}	Cash	Priya	2021-04-18 13:30:41
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	14	9876543223 Ajay {1=[8, Doll, 50, Toys, 1, 50], 2=[2, tops, 300, Clothes, 1, 300]}	Cash	Priya	2021-04-18 13:31:19
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	15	9876543224 Tarun {1=[8, Doll, 50, Toys, 1, 50]}	Cash	Priya	2021-04-18 13:32:05
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	16	9876543225 Pranav {1=[9, GunToy, 150, Toys, 1, 150], 2=[12, Sweet, 400, Food, 4, 1600]}	Card	Amit	2021-04-18 13:32:54
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	17	9876543226 Yadav {1=[9, GunToy, 150, Toys, 3, 450], 2=[7, CarToy, 100, Toys, 1, 100]}	Card	Amit	2021-04-18 13:35:04
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	18	9876543227 Yash {1=[9, GunToy, 150, Toys, 1, 150]}	Cash	Priya	2021-04-18 13:39:51
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	19	9876543228 Imrankhan {1=[19, Umberalla, 100, Clothes, 1, 100]}	Cash	Priya	2021-04-18 13:40:27
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	20	9876543212 Manasa {1=[2, tops, 300, Clothes, 1, 300], 3=[19, Umberalla, 100, Clothes, 4, 400]}	Cash	Priya	2021-04-18 18:32:36
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	21	2345678901 Dinesh {1=[2, tops, 300, Clothes, 1, 300], 2=[20, TeddyBear, 200, Toys, 1, 200]}	Cash	Priya	2021-04-18 18:35:42
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	22	9876543213 Gowtham {1=[1, Leggings, 500, Clothes, 1, 500]}	Card	Amit	2021-04-19 09:51:01

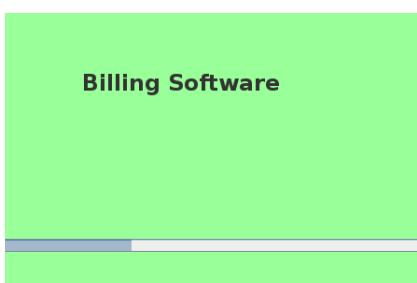
Check all With selected:  Edit  Copy  Delete  Export

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

## OUTPUT



## START



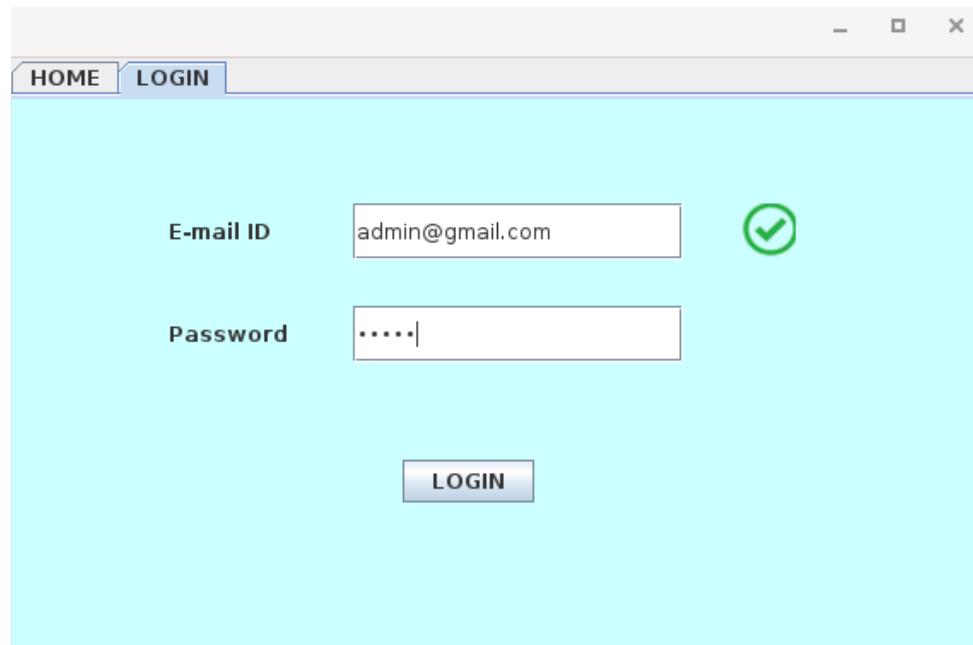
## HOME



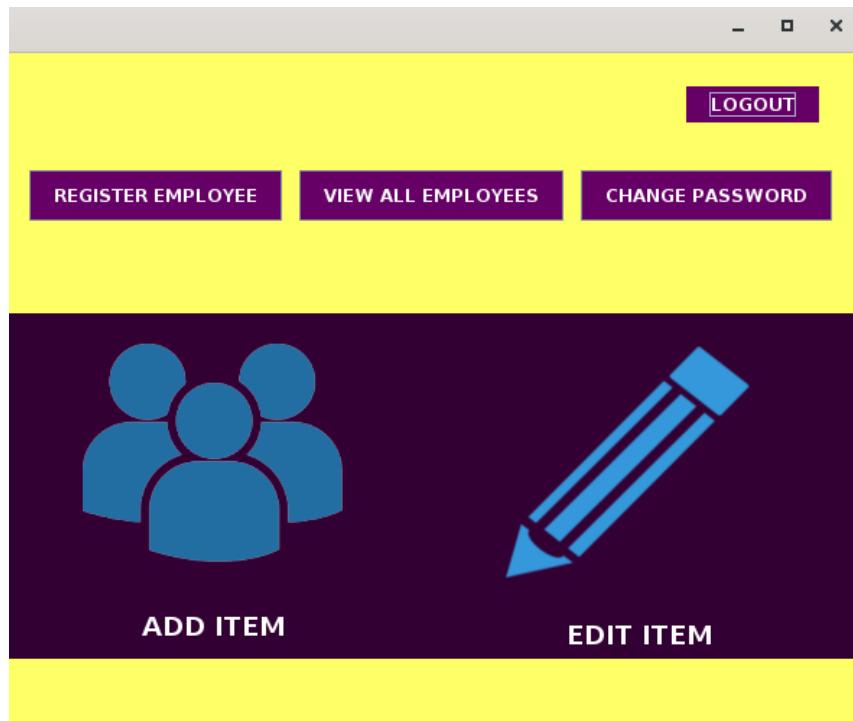
## LOGIN



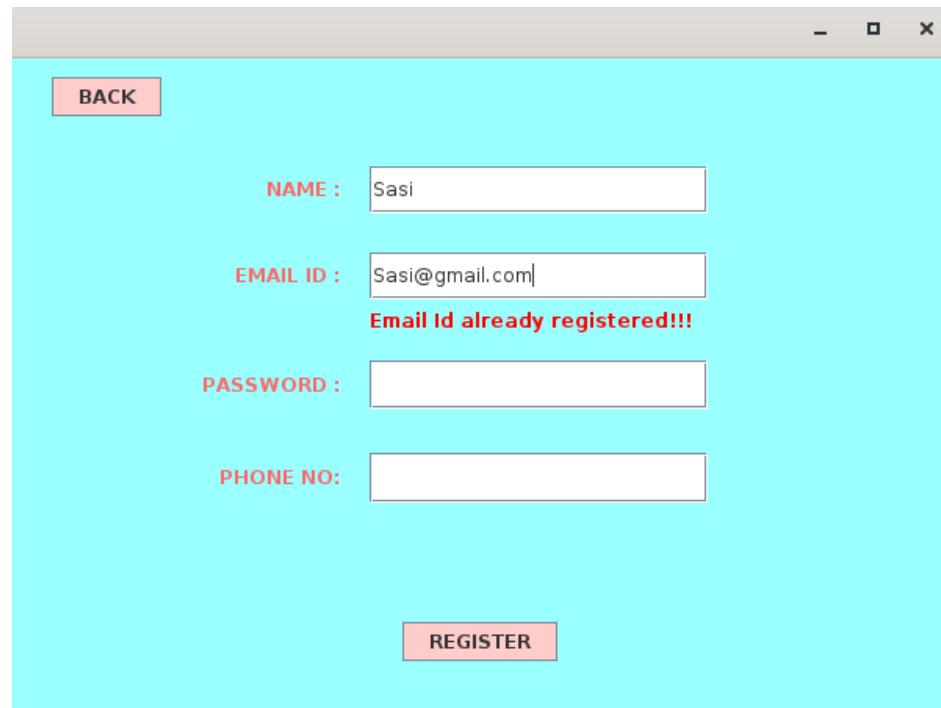
## LOGIN FRAME



## ADMIN



## REGISTER EMPLOYEE



A screenshot of a Windows-style application window titled "REGISTER EMPLOYEE". The window has a light blue background. It contains fields for "NAME" (Sasi), "EMAIL ID" (Sasi@gmail.com), "PASSWORD" (empty), and "PHONE NO." (empty). A red error message "Email Id already registered!!!". A "REGISTER" button is at the bottom.

BACK

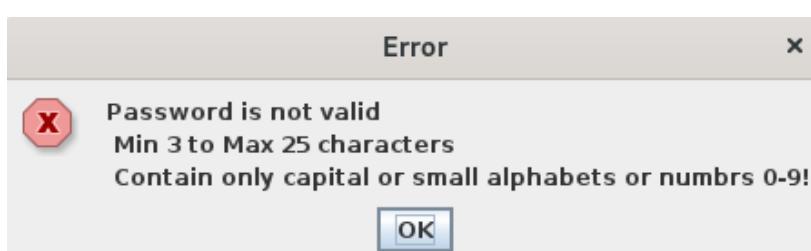
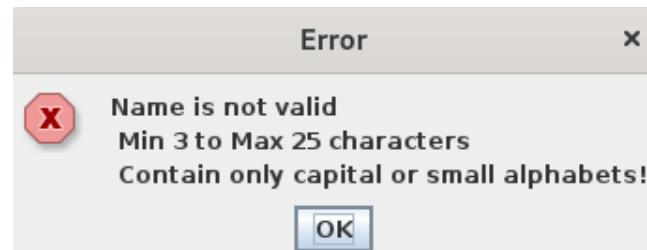
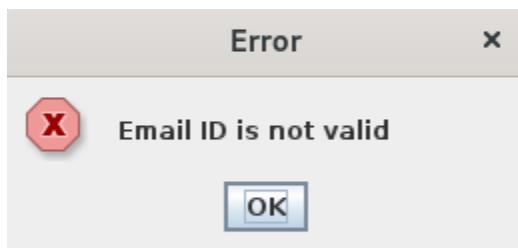
NAME : Sasi

EMAIL ID : Sasi@gmail.com  
Email Id already registered!!!

PASSWORD :

PHONE NO:

REGISTER



VIEW ALL EMPLOYEES

**BACK**

Name	Email ID	Password	Phone no
Kumar	kumar@gmail.com	Kumar	1234567891
Sasi	Sasi@gmail.com	sasi	1234567892
Ram	Ram@gmail.com	ram	1234567893
Gopi	Gopi@gmail.com	gopi	1234567894
Amit	Amit@gmail.com	amit	1234567895
Latha	Latha@gmail.com	latha	1234567896
Tharun	Tharun@gmail.com	tharun	1234567897
Akshay	Akshay@gmail.com	akshay	1234567898
Charu	Charu@gmail.com	charu	1234567899
Hari	Hari@gmail.com	hari	1234567880
Faran	Faran@gmail.com	faran	1234567881
Yash	Yash@gmail.com	yash	1234567882
Priya	Priya@gmail.com	priya	1234567883
Ashwin	Ashwin@gmail.com	ashwini	1234567884
Ravirao	Ravi@gmail.com	ravi	1234567885
Bayya	Bayya@gmail.com	bayya	1234567886
Geetha	Geetha@gmail.com	geetha	1234567887
Uvaraj	Uvaraj@gmail.com	uvaraj	1234567888
Sameeksha	sameeksha@gmail...	sameeksha	1234567834

## CHANGE ADMIN PASSWORD

**BACK**

OLD PASSWORD :

NEW PASSWORD :

NEW CONFIRM PASSWORD :

**CHANGE PASSWORD**

**BACK**

OLD PASSWORD :

X

Error

Password is not valid  
Min 3 to Max 25 characters  
Contain only capital or small alphabets or numbers 0-9!

**OK**

**CHANGE PASSWORD**

**BACK**

OLD PASSWORD :

X

Error

Old password didn't matched

**OK**

NEW CONFIRM :

**CHANGE PASSWORD**

**BACK**

OLD PASSWORD :

X

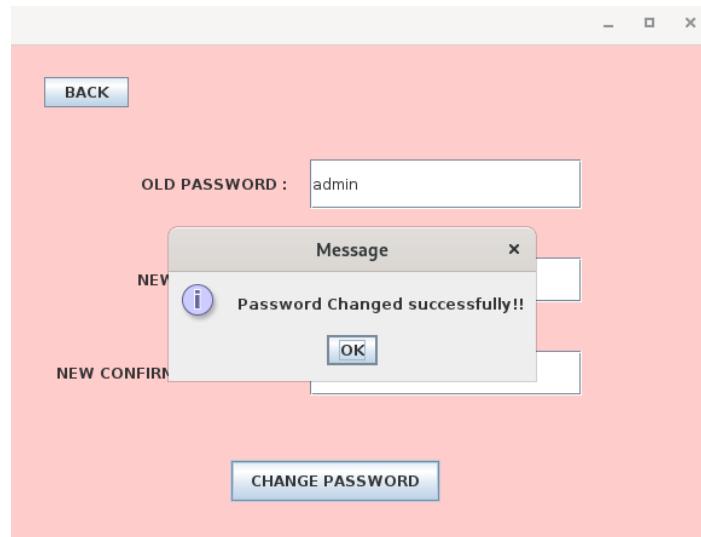
Error

New password didn't matched

**OK**

NEW CONFIRM :

**CHANGE PASSWORD**



## ADD ITEM

A screenshot of a green-themed application window titled 'ADD ITEM'. It contains fields for Item id (20), Item Name (TeddyBear), Item Price (200), Item Category (Toy), Item Description, and Item Quality. A red 'Error' dialog box is displayed, stating 'Select image' with an 'OK' button. To the right is a placeholder image area with a sad teddy bear icon and a 'Click to Choose Item' button. At the bottom are 'ADD ITEM' and 'CLEAR' buttons.

A screenshot of the same green-themed application window after the item was added. The fields remain the same, but the 'Item Category' dropdown now shows 'Toys'. A 'Message' dialog box is visible, stating 'Item added successfully!!!' with an 'OK' button. The placeholder image area now displays a real image of a yellow teddy bear. At the bottom are 'ADD ITEM' and 'CLEAR' buttons.

## EDIT ITEM

BACK

S.No	Item id	Item name	Item price
1	1	Leggings	500
2	2	tops	300
3	3	Shirt	300
4	4	Pant	500
5	5	Shawl	100
6	6	Saree	400
7	7	CarToy	100
8	8	Doll	50
9	9	GunToy	150
10	10	Chips	10
11	11		
12	12		
13	13		
14	14		
15	15		
16	16		
17	17		
18	18		
19	19	Umberalla	100
20	20	TeddyBear	200

Message

Updated item details successfully!!

OK

Item Name : Doll

Item Price : 50

Item Category : Toys

Item Description : Barbie doll

Item Quality : 9

Item Image : Click to Choose Item



UPDATE

## EMPLOYEE DETAILS

Welcome : Sasi

LOGOUT

MY PROFILE

CHANGE PASSWORD

START BILLING

## EDIT PROFILE

MY PROFILE

NAME : Sasi

EMAIL ID : asi@gmail.com

PHONE NO : 1234567892

BACK

MY PROFILE

NAME : Sasi

EMAIL ID : asi@gmail.com

PHONE NO : 1234567892

UPDATE PROFILE CANCEL



## CHANGE EMPLOYEE PASSWORD

Message

i Password Changed successfully!!

OK

BACK

OLD PASSWORD : Sasi

NEW PASSWORD : isas

NEW CONFIRM PASSWORD : isas

CHANGE PASSWORD

## BILLING

BACK

Item id : 28  
Item id not available

Item Name : \_\_\_\_\_

Item Price : \_\_\_\_\_

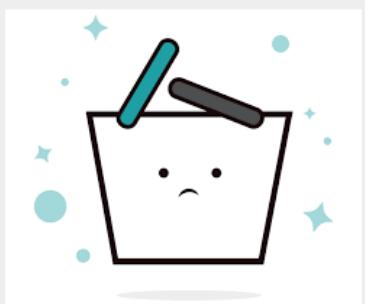
Item Category : \_\_\_\_\_

Item Description : \_\_\_\_\_

Item Quality : 1

TOTAL PRICE : \_\_\_\_\_

ADD TO CART      CLEAR      NEXT



BACK

Item id : 2

Item Name : tops

Item Price : 300

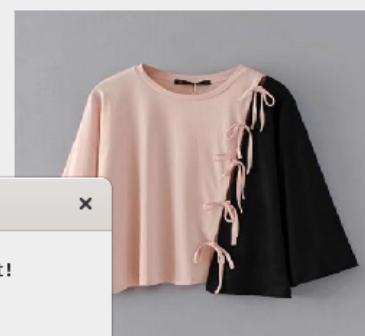
Item Category : \_\_\_\_\_

Item Description : \_\_\_\_\_

Item Quality : 1

TOTAL PRICE : 300

ADD TO CART      CLEAR      NEXT



Message

i Item added to cart!

OK

## CART

**BACK**

S.No	Item_ID	Item_name	Item_price	Category	Quantity	Total price
1	2	tops	300	Clothes	1	300
2	7	CarToy	100	Toys	1	100
3	19	Umberalla	100	Clothes	1	100

**Error**

**Select Item!**

**OK**

**QUANTITY :** 1

**UPDATE** **DELETE**

**TOTAL AMOUNT : 500**

**BILL**



**BACK**

S.No	Item_ID	Item_name	Item_price	Category	Quantity	Total price
1	2	tops	300	Clothes	1	300
2	7	CarToy	100	Toys	1	100
3	19	Umberalla	100	Clothes	1	100

**Select an Option**

**?** Are you sure you want to update?

**Yes** **No** **Cancel**

**QUANTITY :** 4

**UPDATE** **DELETE**

**TOTAL AMOUNT : 500**

**BILL**



**BACK**

S.No	Item_ID	Item_name	Item_price	Category	Quantity	Total price
1	2	tops	300	Clothes	1	300
2	7	CarToy	100	Toys	1	100
3	19	Umberalla	100	Clothes	4	400

**Select an Option**

**?** Are you sure you want to delete this item?

**Yes** **No** **Cancel**

**QUANTITY :** 4

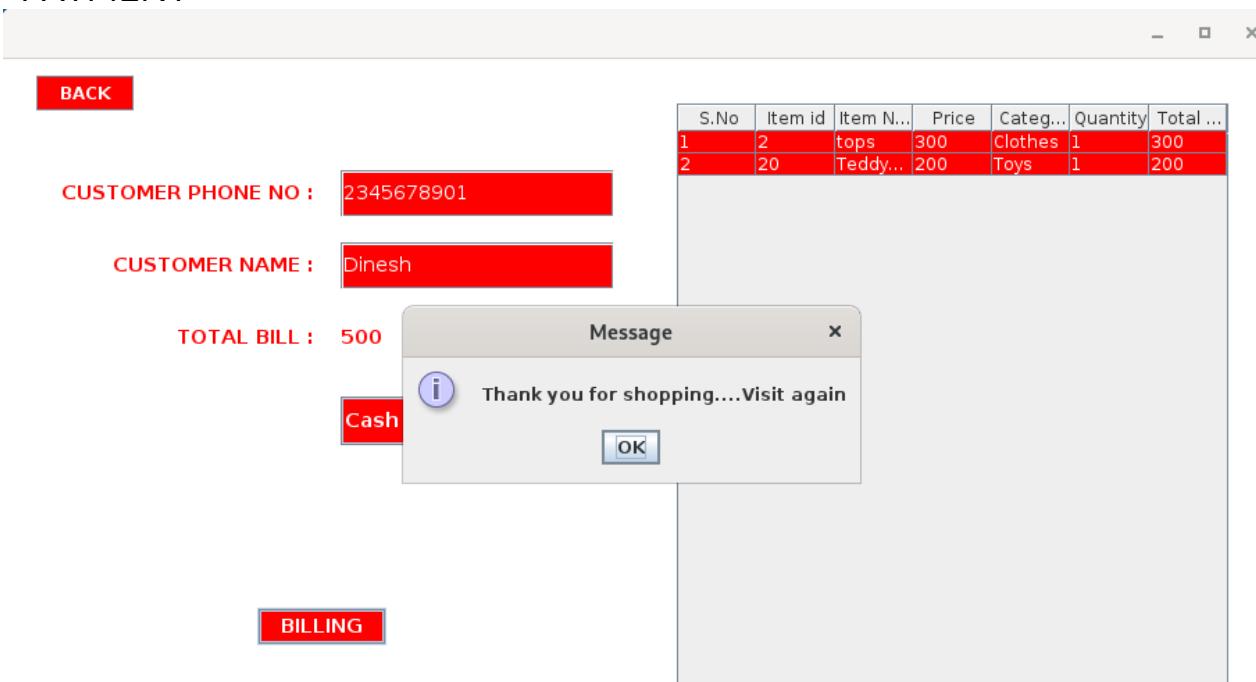
**UPDATE** **DELETE**

**TOTAL AMOUNT : 800**

**BILL**



## PAYMENT



## RESULT

The above mini-project to demonstrate billing management system with database connectivity using java swing executed successfully and output is verified.