BILLING SOFTWARE

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Introduction

- ✓ The billing software is an application in java which performs the process of billing of the store.
- ✓ This system is implemented using a 3-tier approach, with a backend database (MySQL), JDBC to give connectivity to various tables and Swing to design required Graphic User Interfaces in the software.

Problem Statement

- ✓ Existing system requires lot of paper work.
- ✓ Existing system does not support managerial decision-making.
- ✓ Data can not be shared in the existing system.

Objectives of Billing Software

- ✓ Make an easy to use environment for admin and employee.
- ✓ Add and maintain records of available/new products.
- ✓ Add and maintain employee details.
- ✓ Provides a convenient solution of billing pattern.

Functionalities of Billing Software

There are two modules in our project:

(a) Admin Module

(b) Employee Module

Admin Module:

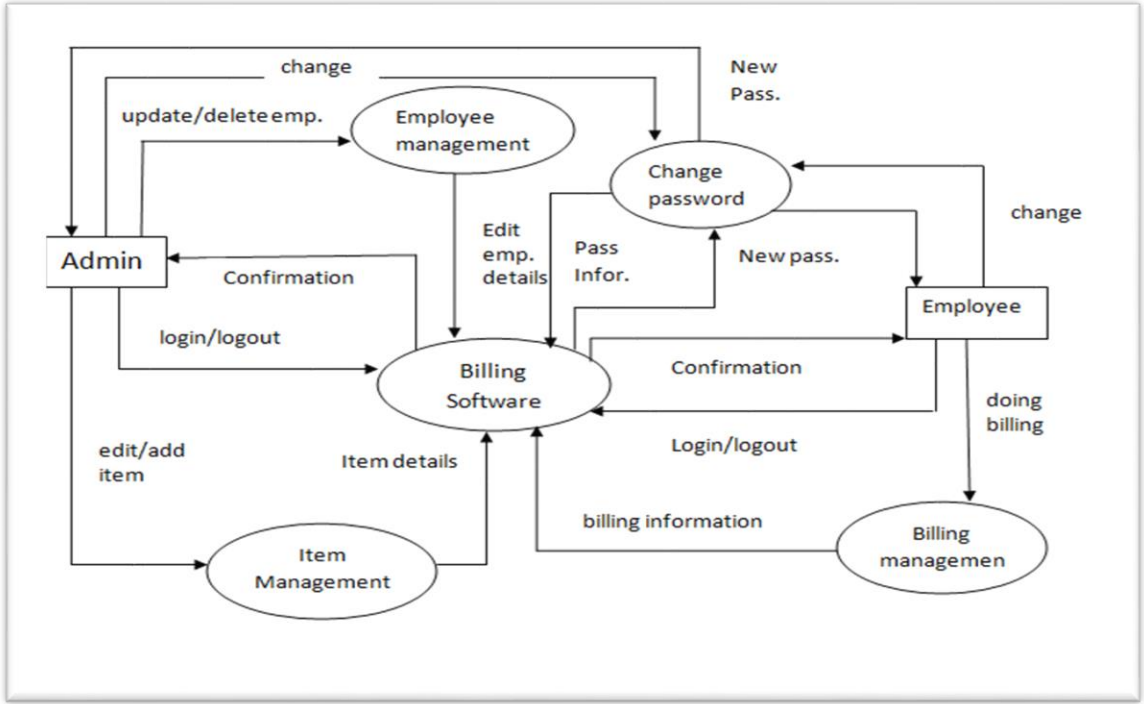
- ✓ The admin has to first login himself/herself with the registered email ID and password to access functionalities of administrator.
- ✓ Admin can use all functionalities on admin panel like ‘Add Employee’ , ‘Edit Employee’, ‘Add Item’, ‘Edit Items’, ’Change Password’ and ‘logout’.

Functionalities of Billing Software

Employee Module:

- ✓ The customer has to login himself/herself with the registered email ID and password to access functionalities of employee.
- ✓ When employee successfully login then he can use all functionalities on employee panel like ‘Start Billing’, ‘product selection’, ‘Change Password’ and ‘Logout ’.

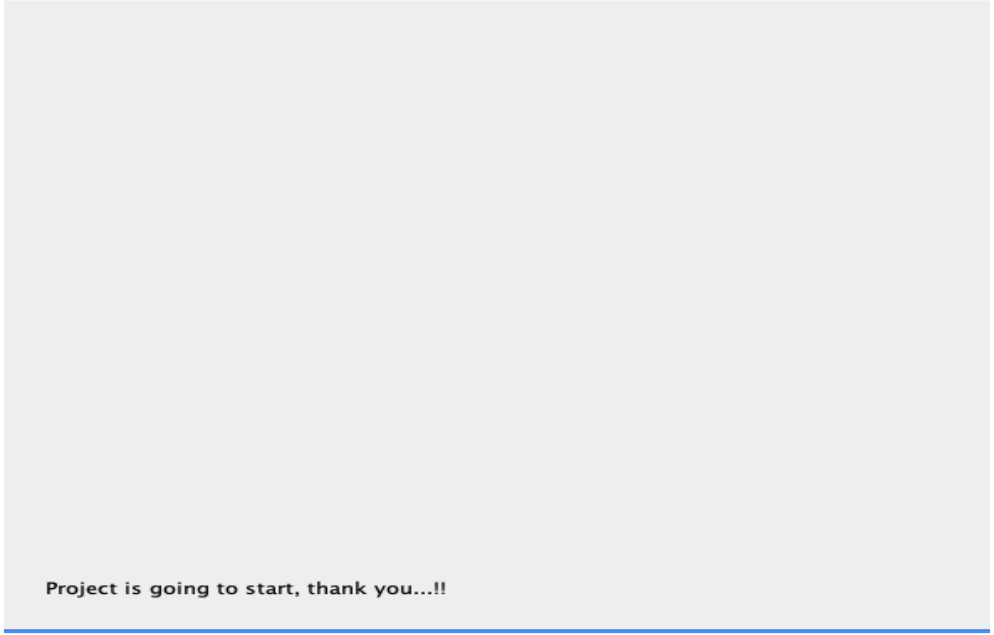
DFD


change
New
Pass.
update/delete emp.
Employee
management
Change
password
change
Edit
emp.
details
Pass
Infor.
New pass.
Admin
Confirmation
Employee
login/logout
Billing
Software
Confirmation
doing
billing
edit/add
item
Item details
Login/logout
billing information
Item
Management
Billing
managemen

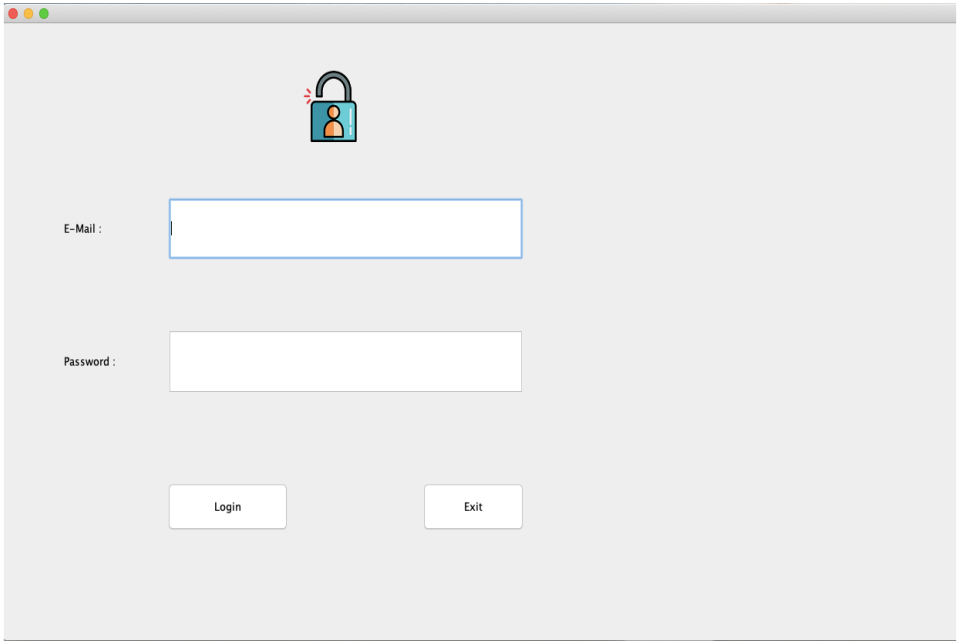
Implementation Details

- ✓ Intellij IDE – As an integrated development environment(IDE).
- ✓ Java Swing - For front end development
- ✓ Java JDBC - For back end development
- ✓ Xampp Server- For database

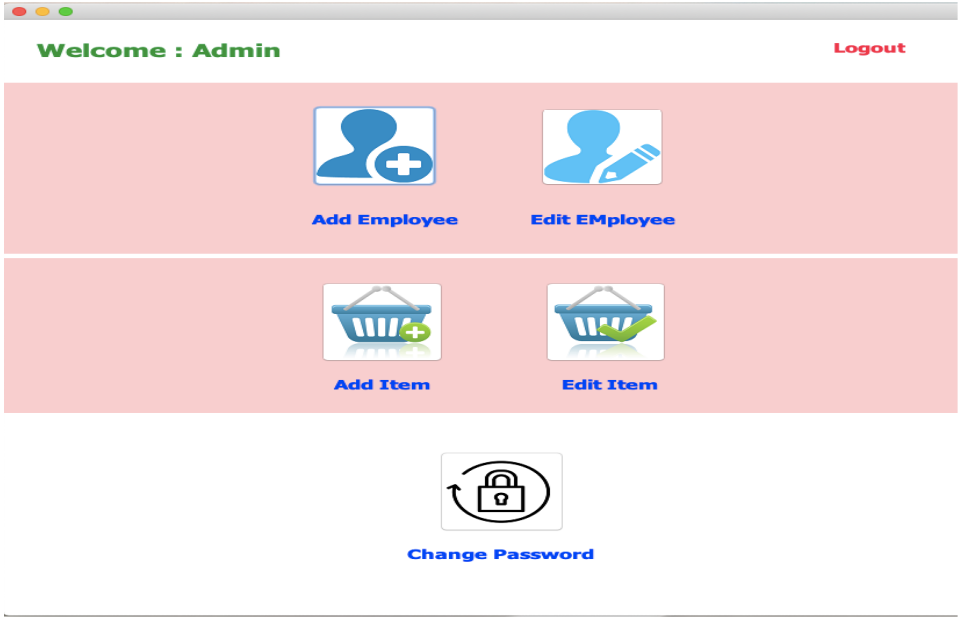
Screenshots: Start Panel



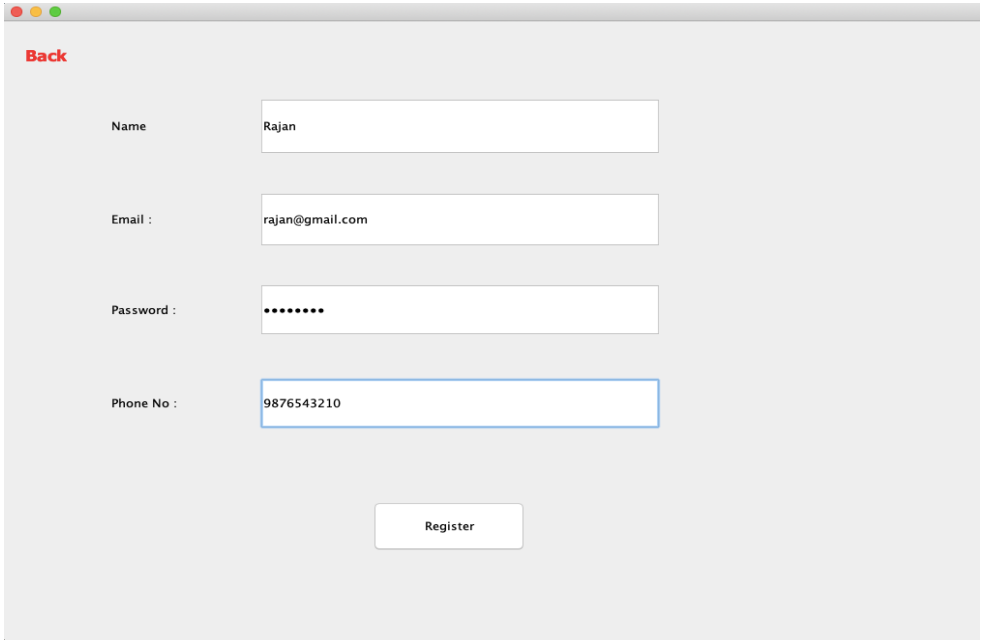
Screenshots: Login Page



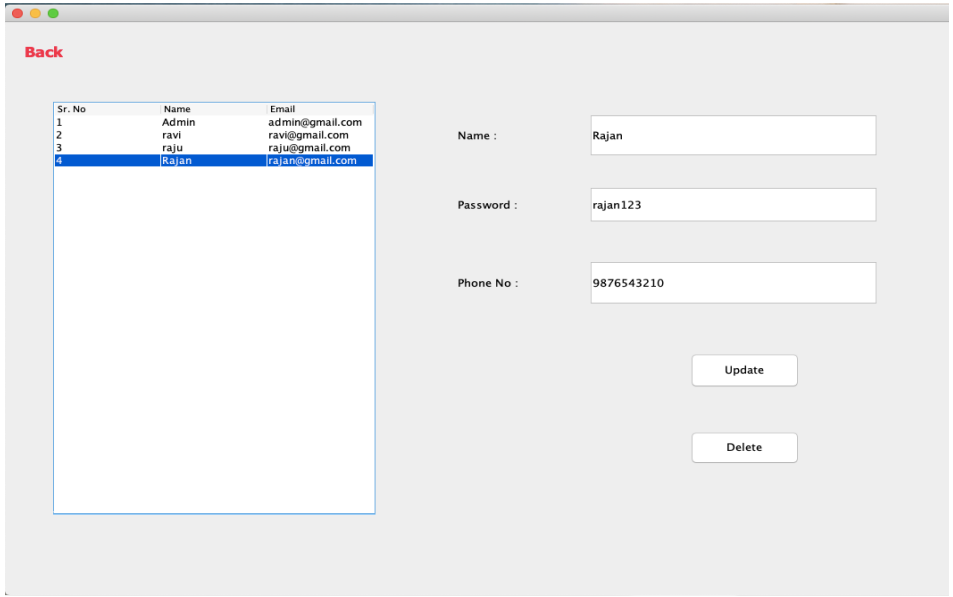
Screenshots: Admin Panel



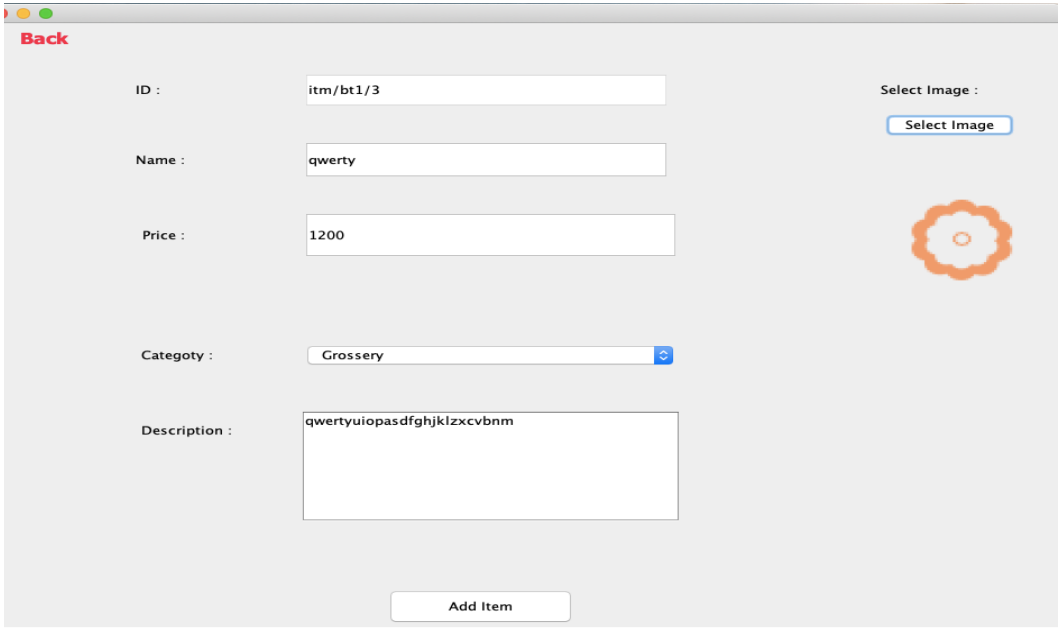
Screenshots: Add Employee



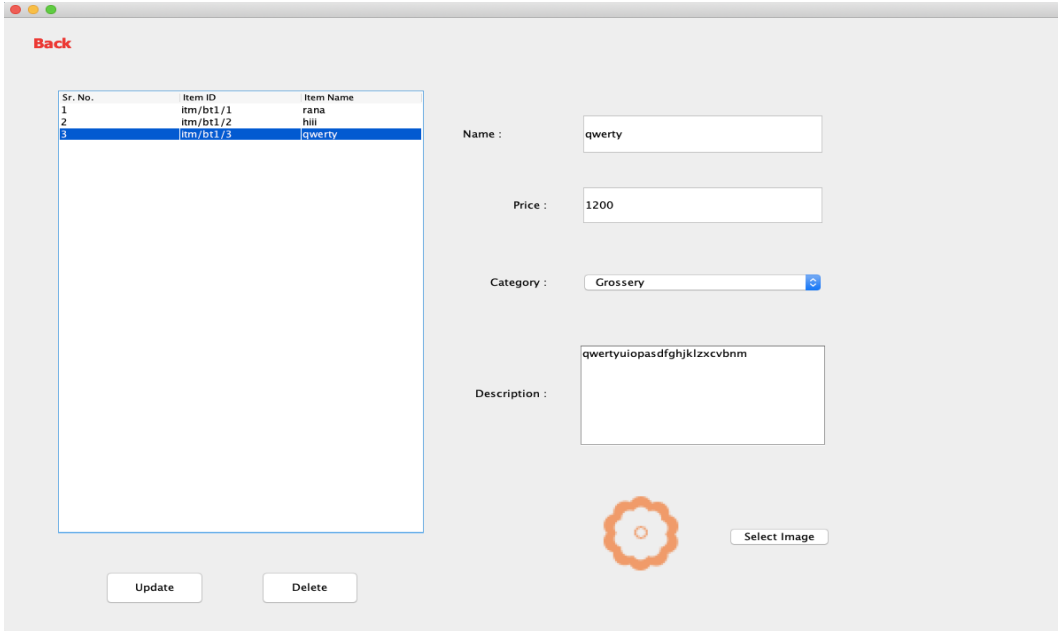
Screenshots: Edit Employee



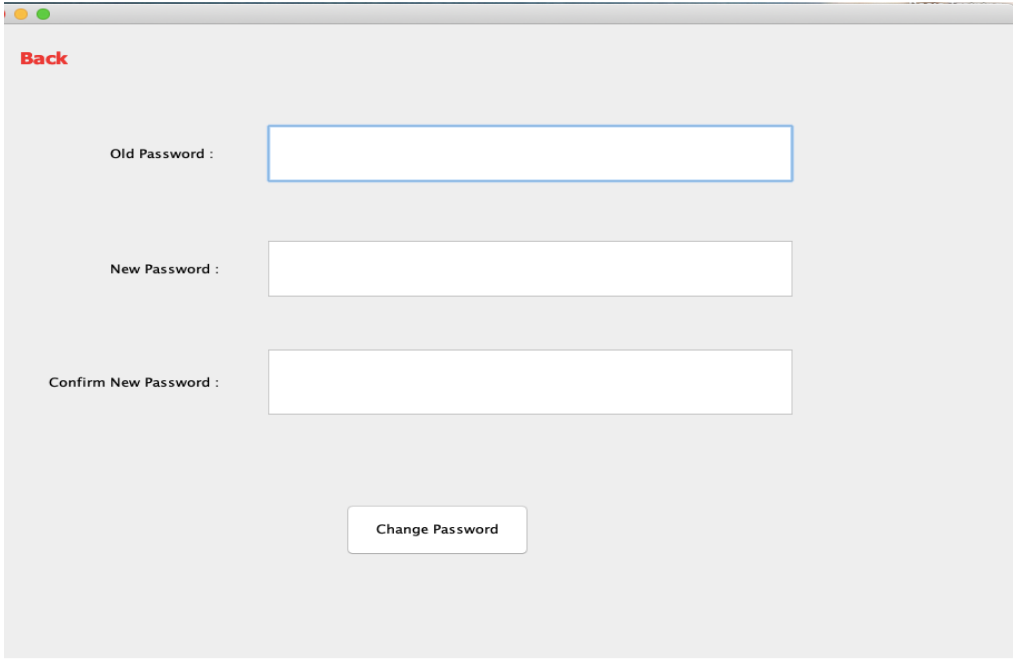
Screenshots: Add Item



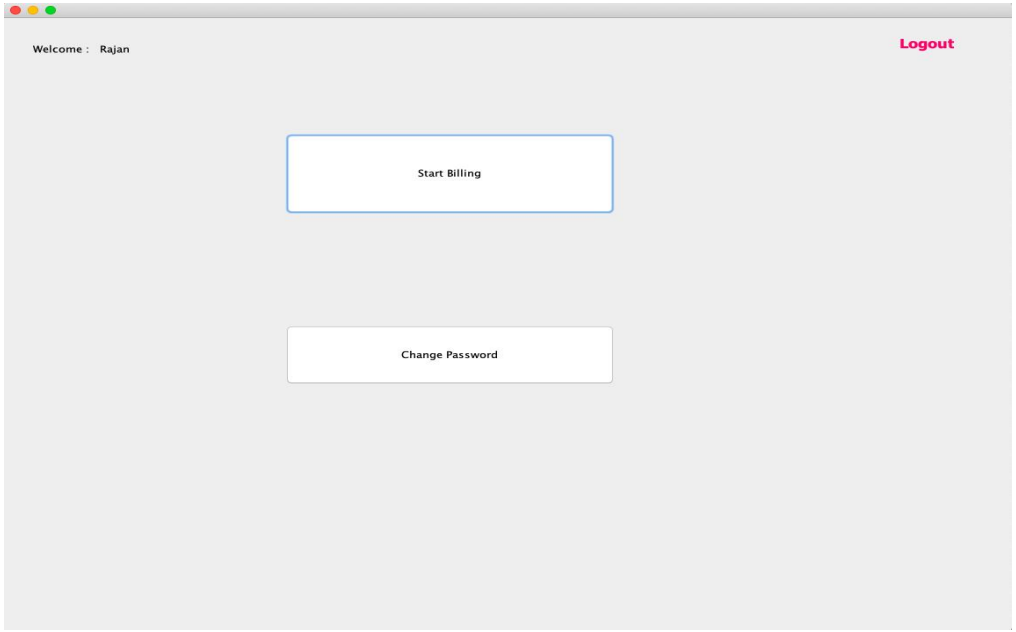
Screenshots: Edit Item



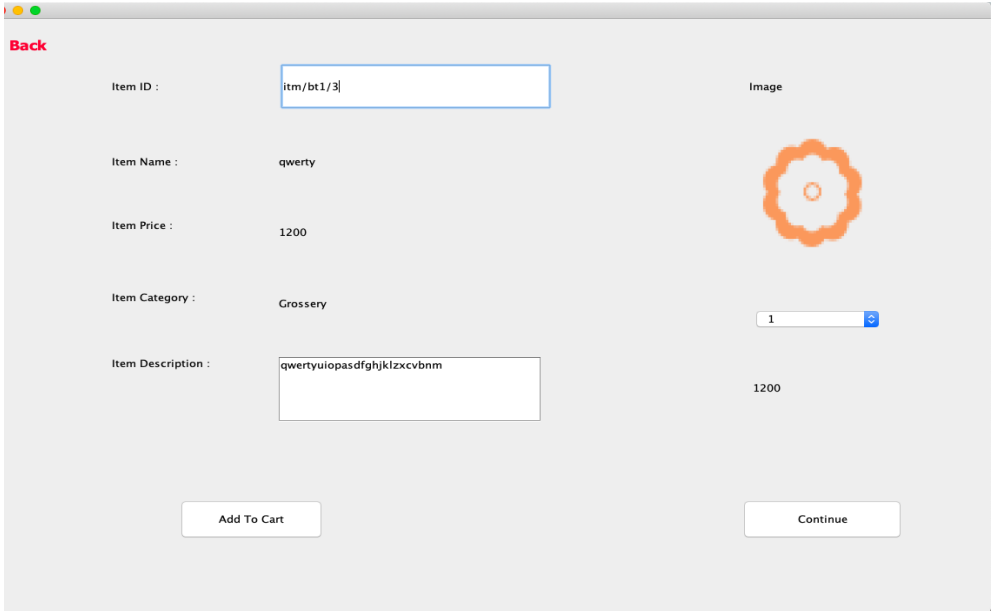
Screenshots: Change Password



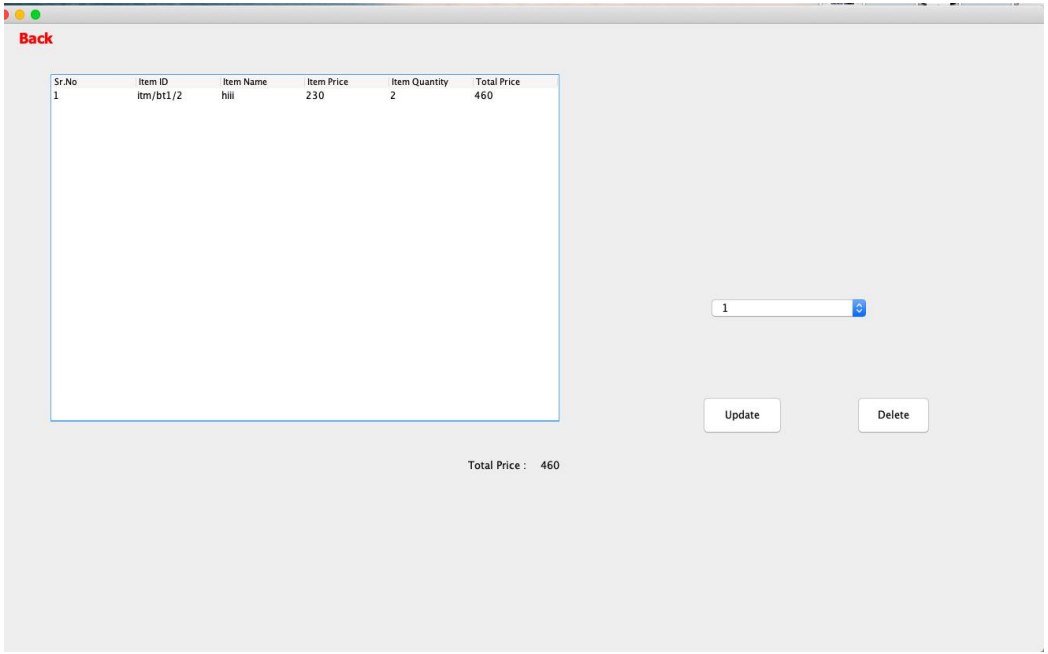
Screenshots: Employee Panel



Screenshots: Item Selection



Screenshots: Final Bill of Items



Conclusion

✓ This system can be used to store stock data efficiently and helps in smooth functioning of business.

✓ It stores the details of employees, customers and items sold in shop and also update every detail.

✓ The admin can maintain and edit the employee's details (i.e., name, password and contact no.) and regularly update them in admin panel.

✓ It is easy to run business fast with such type of system.

Thank
You!