Cafe Management System

Introduction

Cafe Management System is an application, which will help Cafes to optimize and control over their cafés menu. This application helps the cafes to do all functionalities more accurately and efficiently. Café Management system reduces manual work and improves efficiency and rate of work. It is specifically designed for café billing management and order taking management system. This software helps to take food orders and to keeping a proper record of the bills.

Technical Specification

1) **Backend Language** – Core Java, Spring Boot 3, Hibernate
2) **Frontend Language** – Angular 17, HTML 5, CSS
3) **Security:** Spring Security for authentication and authorization, JWT
4) **ORM:** Spring Data JPA for database CRUD operations
5) **Architecture:** Model-View-Controller (MVC)
6) **Database** – MySQL
7) **IDE** – IntelliJ, Vistual Studio
8) **API Platform** – Postman
9) **Operating System** – Windows 10

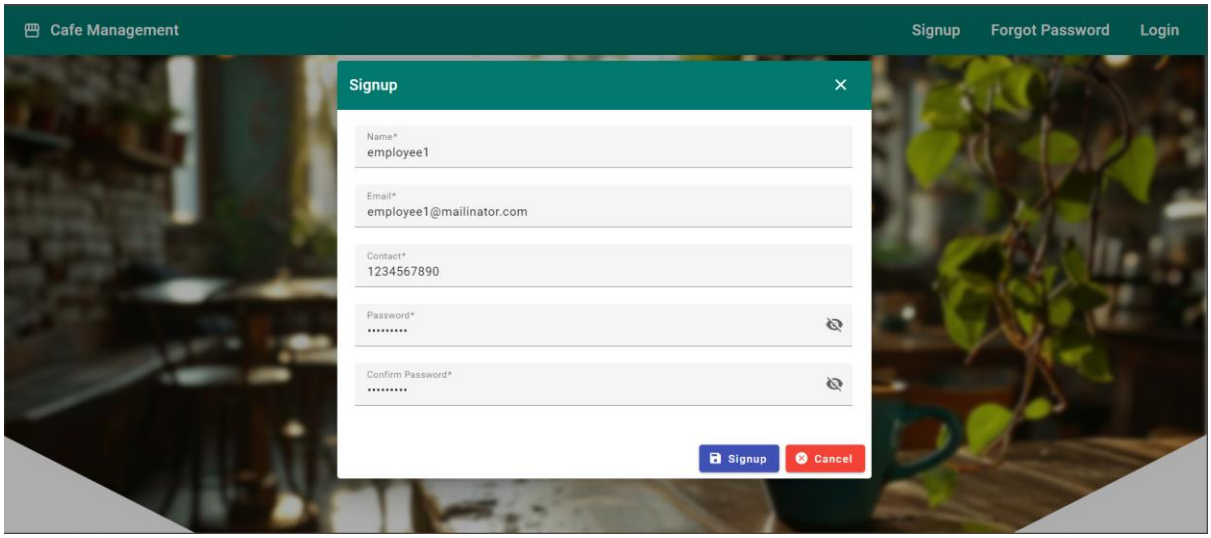
Core Features

1. **Employee Management: Admin manage the employee.**
2. **Product Management: Admin manage the product category and product.**
3. **Order Management: Admin and User manage the order.**
4. **Bill Management: On order of product the bill will be generated.**

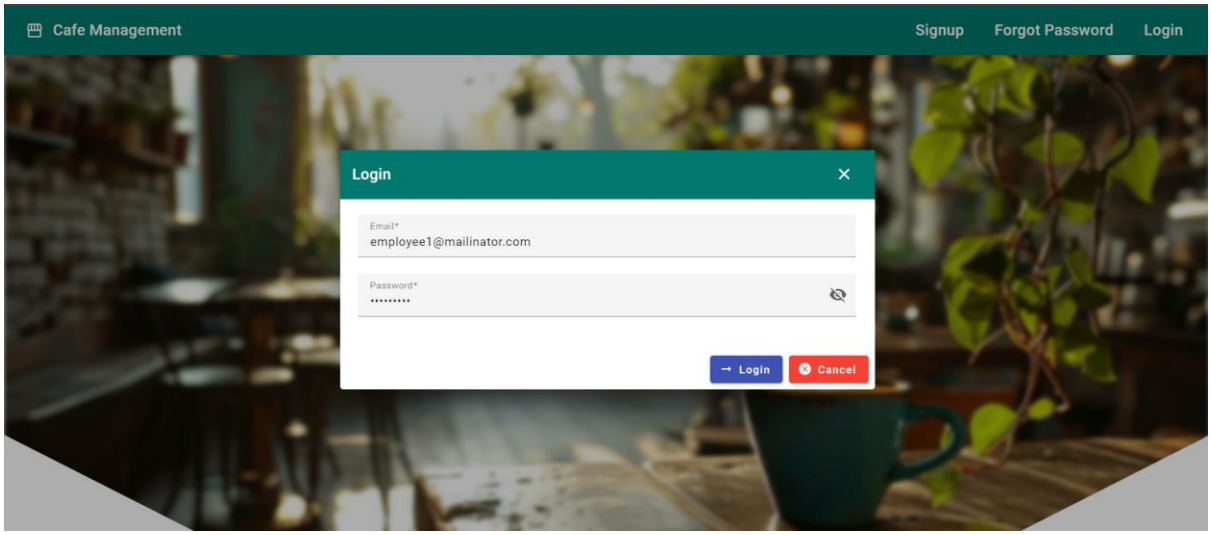
➢ Project Features

1) Main Page Feature

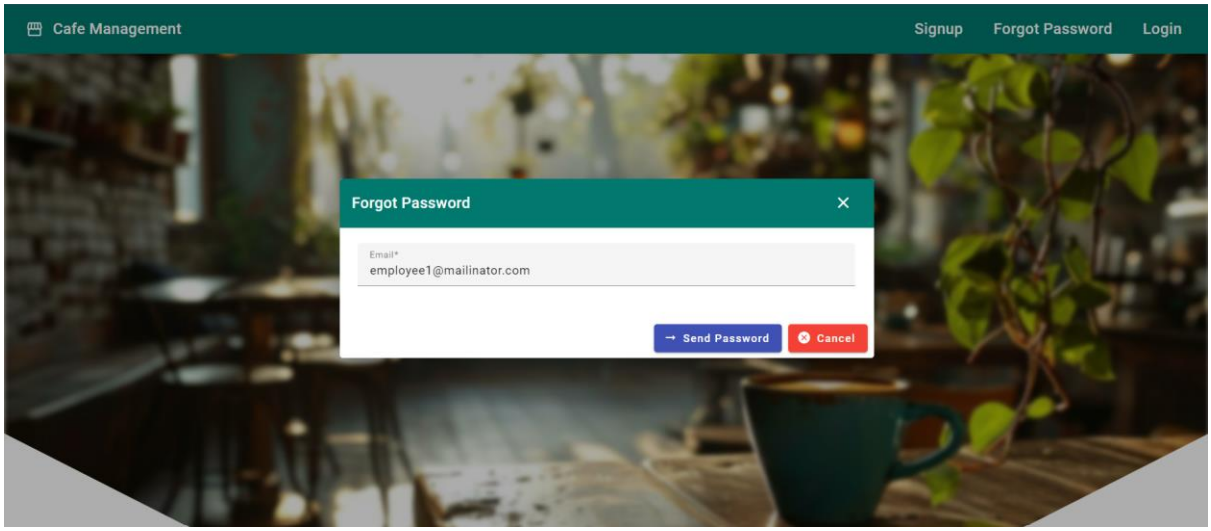
1. **Signup** – This will help to register a new employee.



2. **Login** – This will help to login Admin and Approved Employee.



3. **Forgot Password** – This will have to get the new password through email.

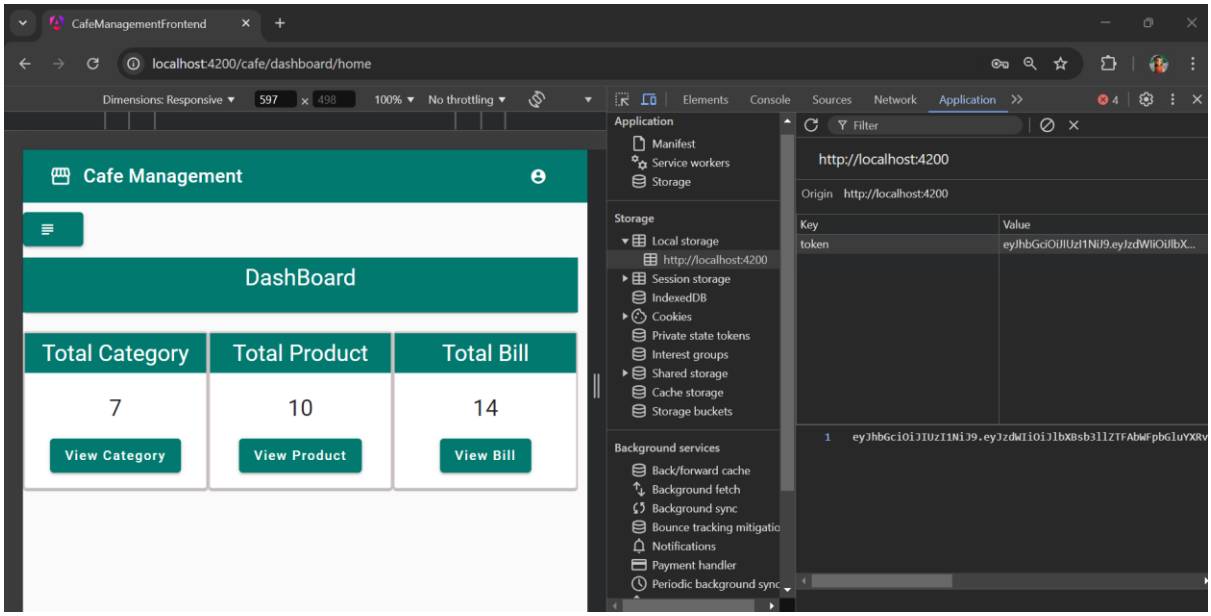


Email From Cafe Management System

*** Please find your credential below ***
Username : employee1@mailinator.com
New Password : xnzcxkcrnf
Please click here to login

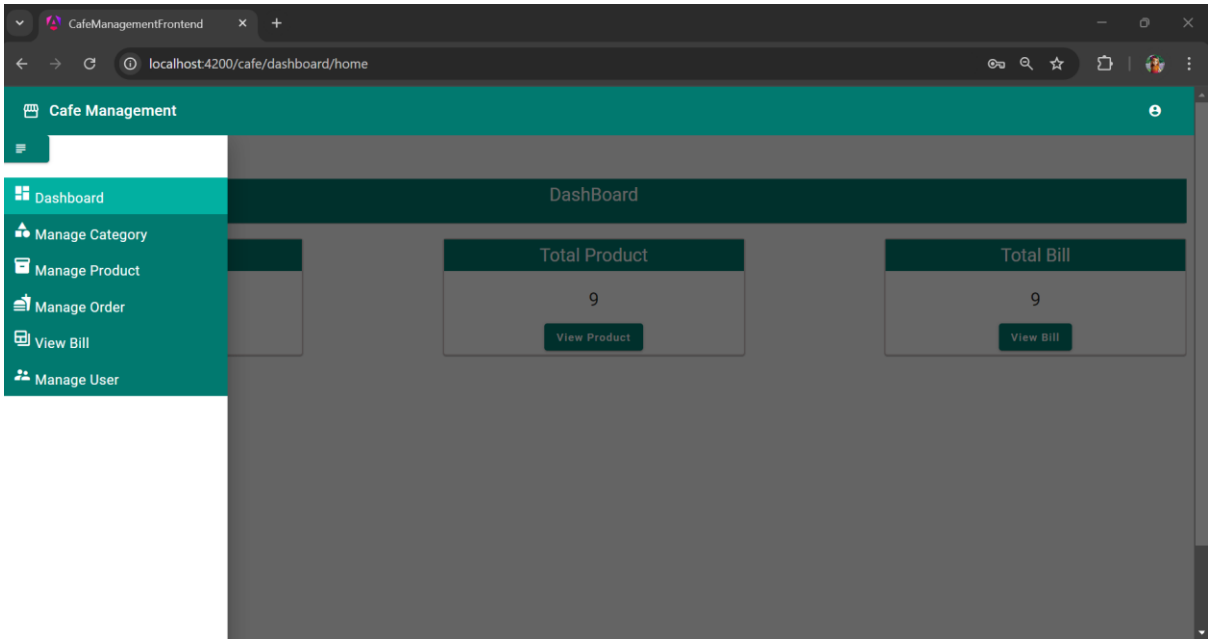
Please do not reply to this mail
Have a good day

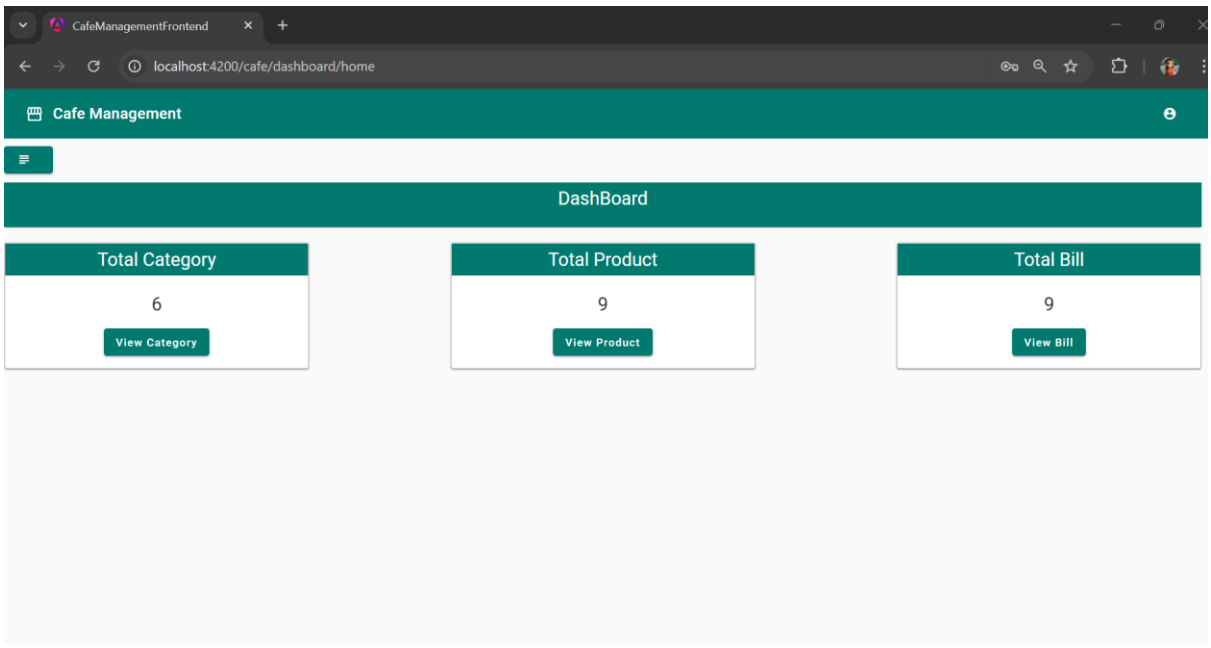
4. JWT Token


CafeManagementFrontend
localhost:4200/cafe/dashboard/home
Cafe Management
DashBoard
Total Category
Total Product
Total Bill
7
10
14
View Category
View Product
View Bill
Application
Manifest
Service workers
Storage
Storage
Local storage
http://localhost:4200
Session storage
IndexedDB
Cookies
Private state tokens
Interest groups
Shared storage
Cache storage
Storage buckets
Background services
Back/forward cache
Background fetch
Background sync
Notifications
Payment handler
Periodic background sync
http://localhost:4200
Origin http://localhost:4200
Key
Value
token

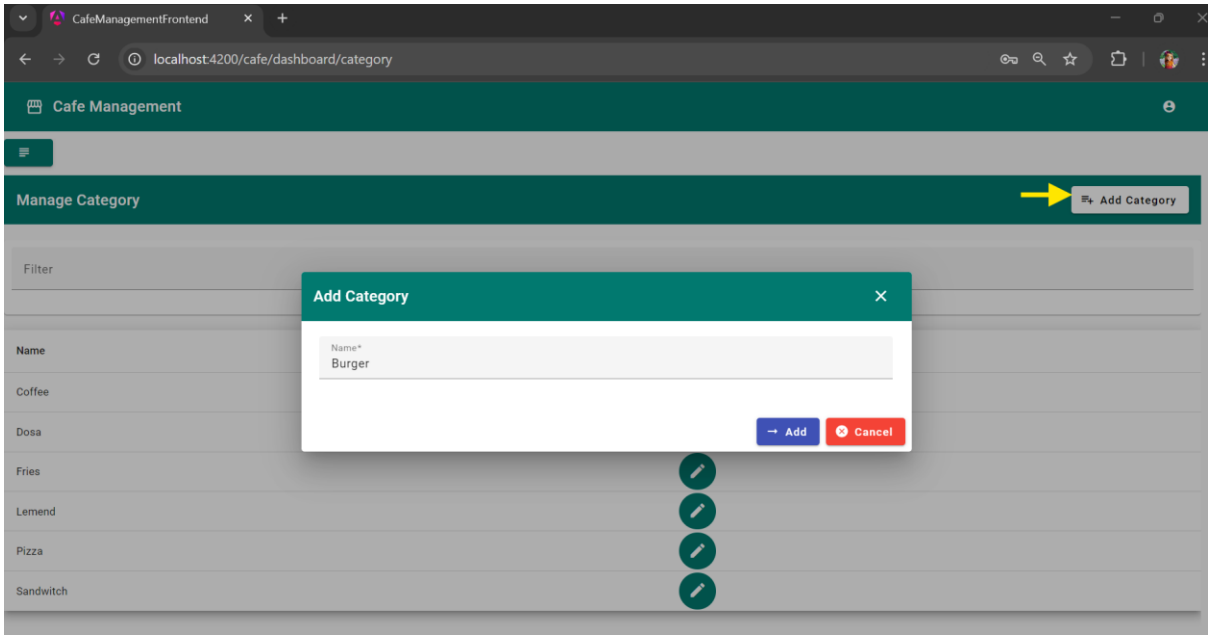
2) *Admin Page Feature*

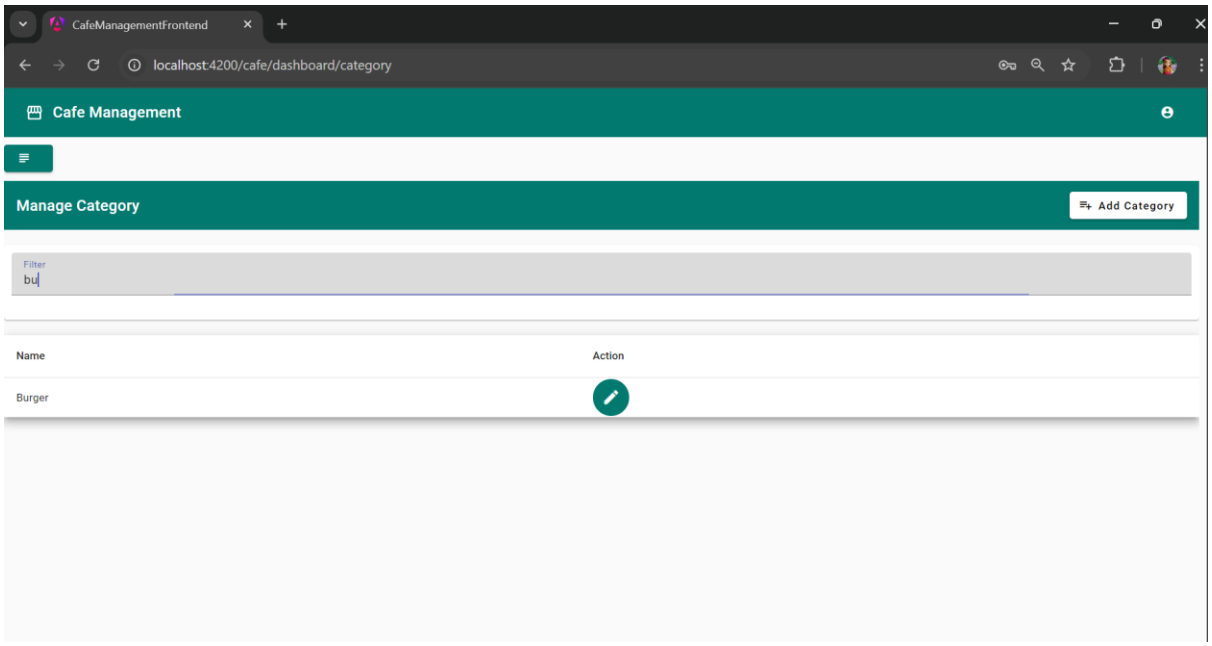
1. **Dashboard** – this will show the count of total category, total product and total bills.



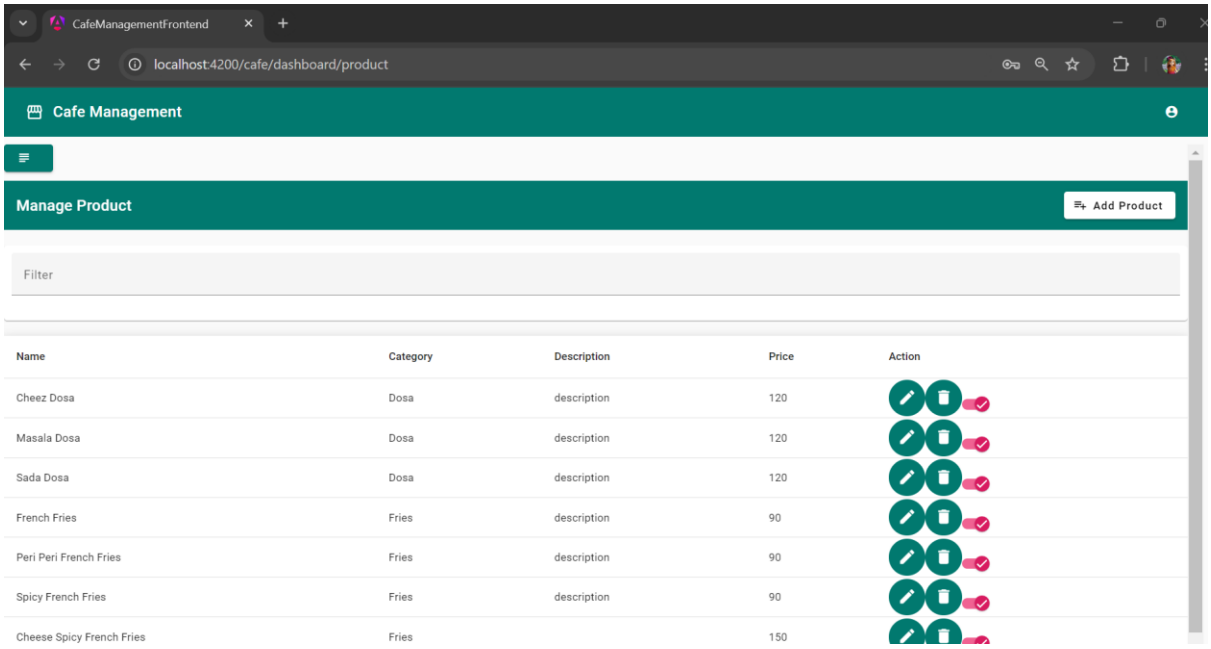


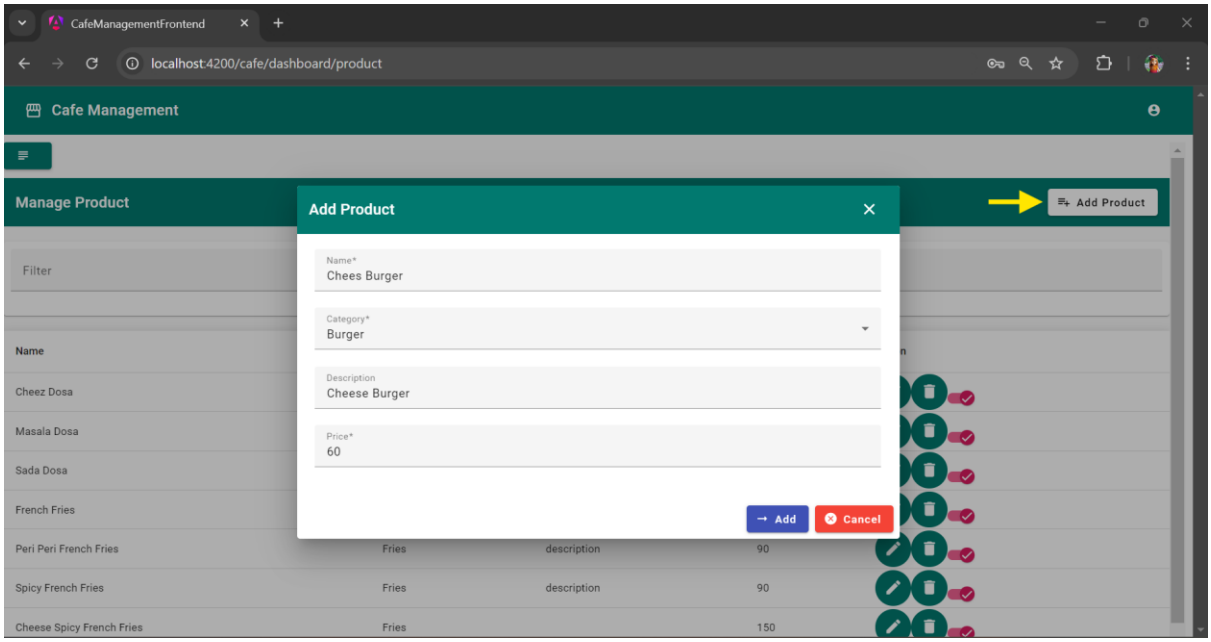
2. **Manage Category** – this will help to admin to create, edit and also filter the product category.



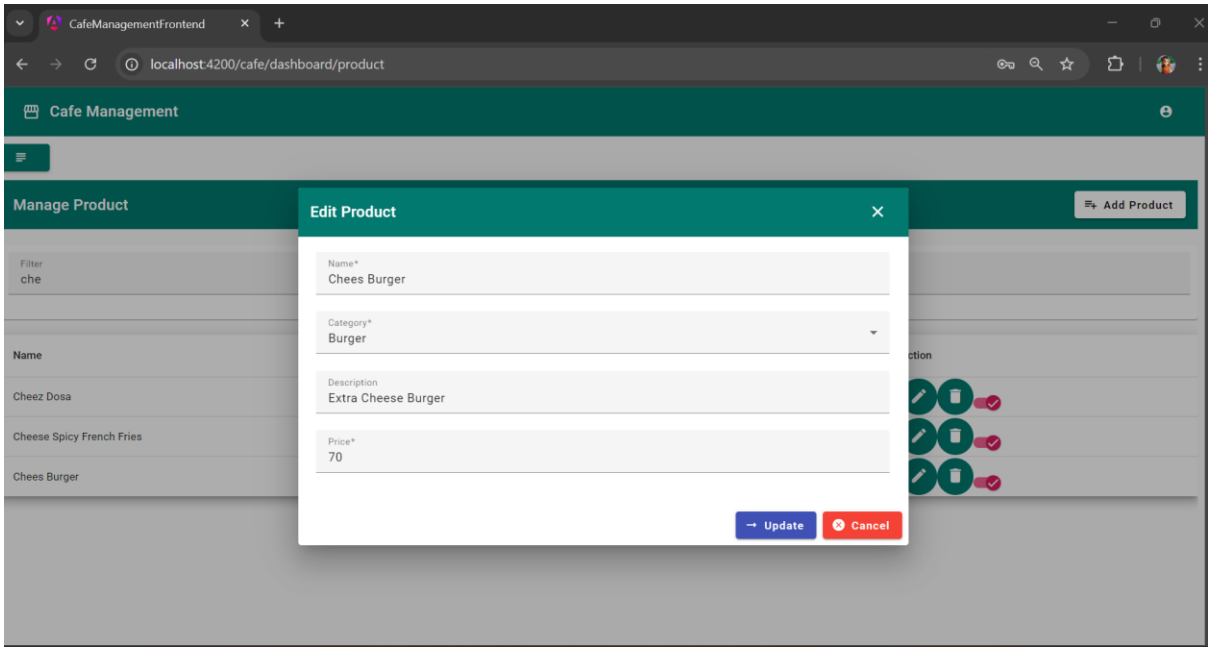


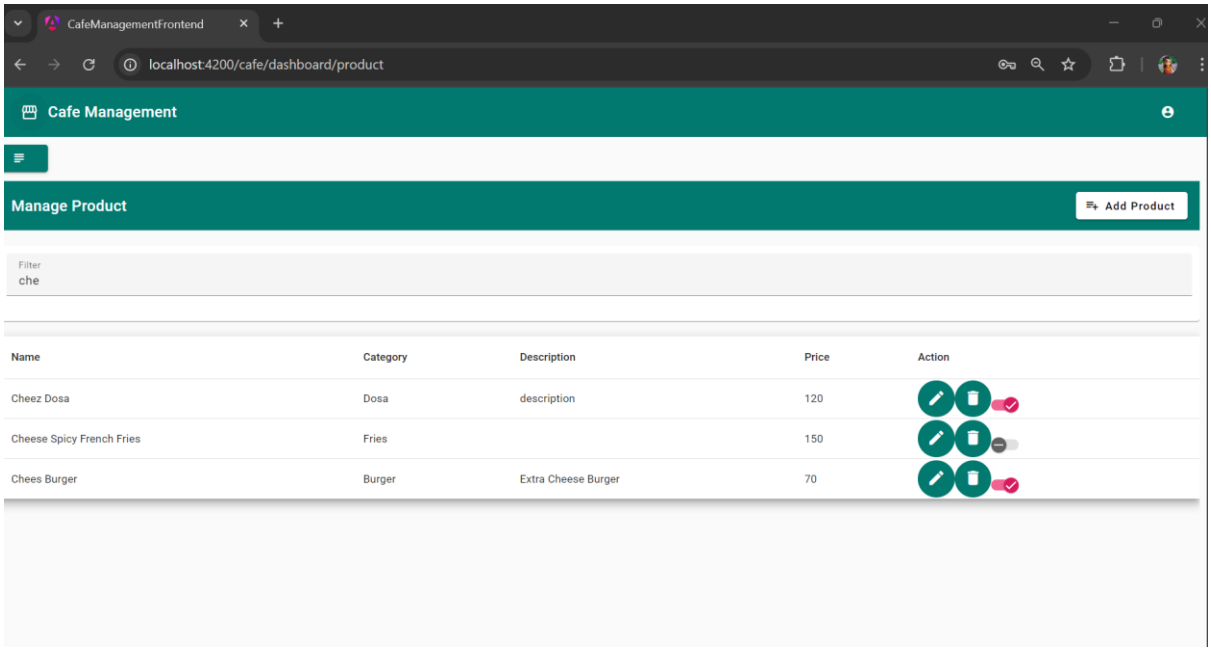
3. **Manage Product** – this will help to admin to create, edit, delete, discontinue or continue, and filter the product.



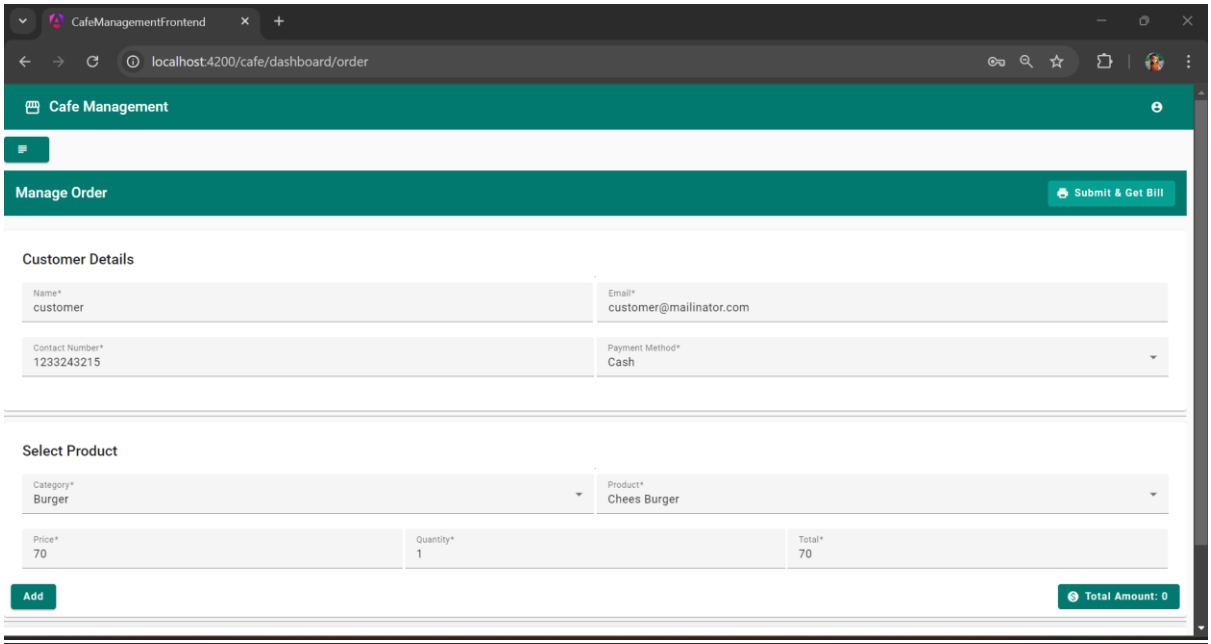


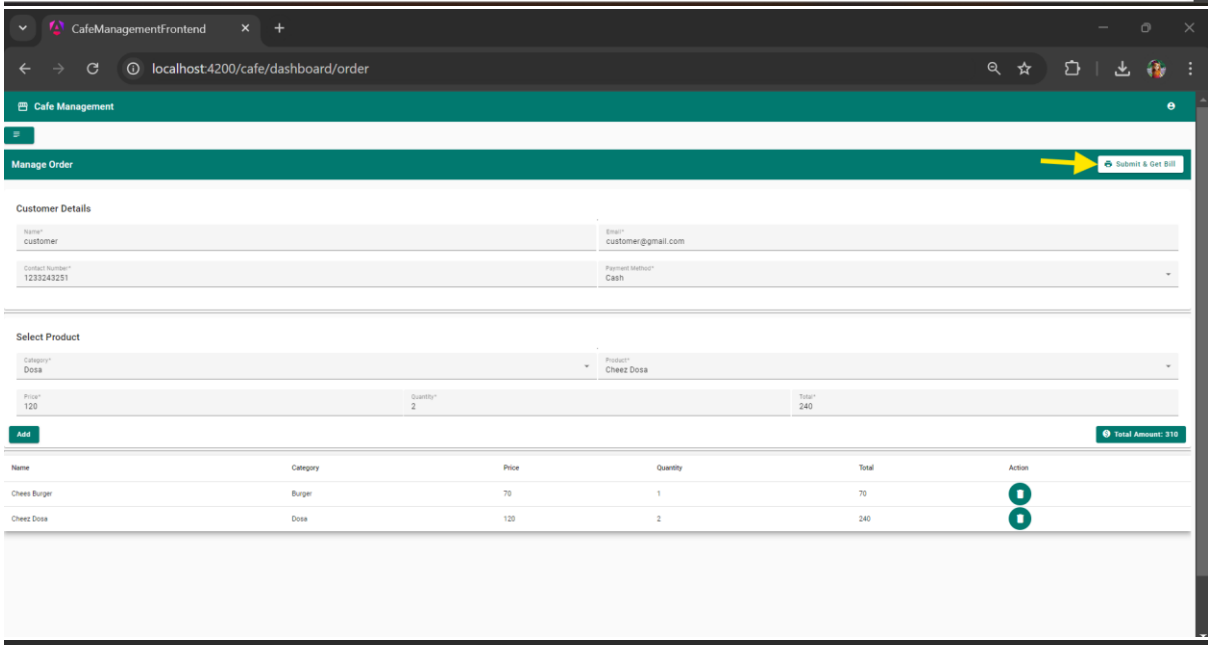
Cafe Management System

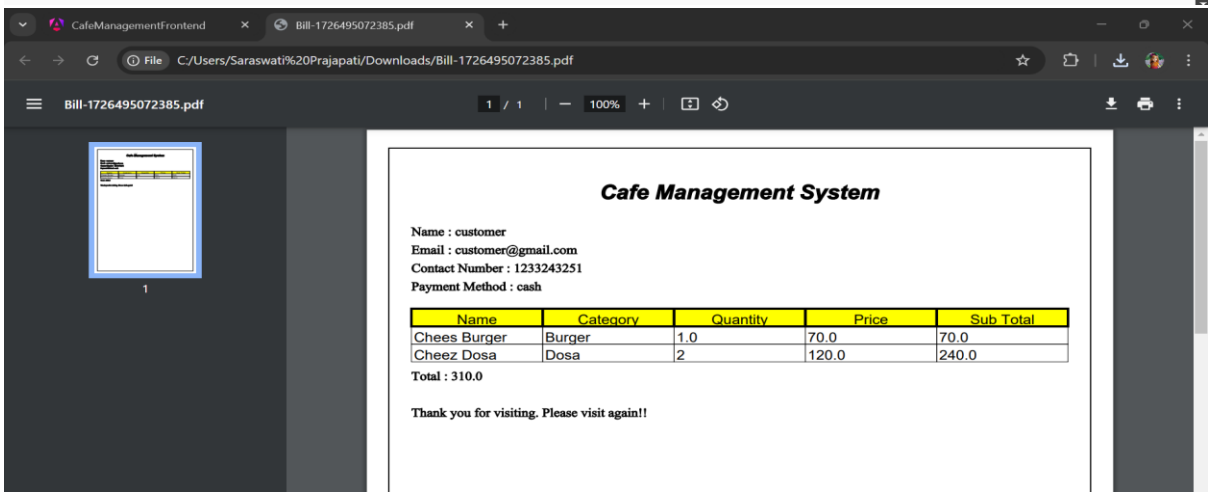




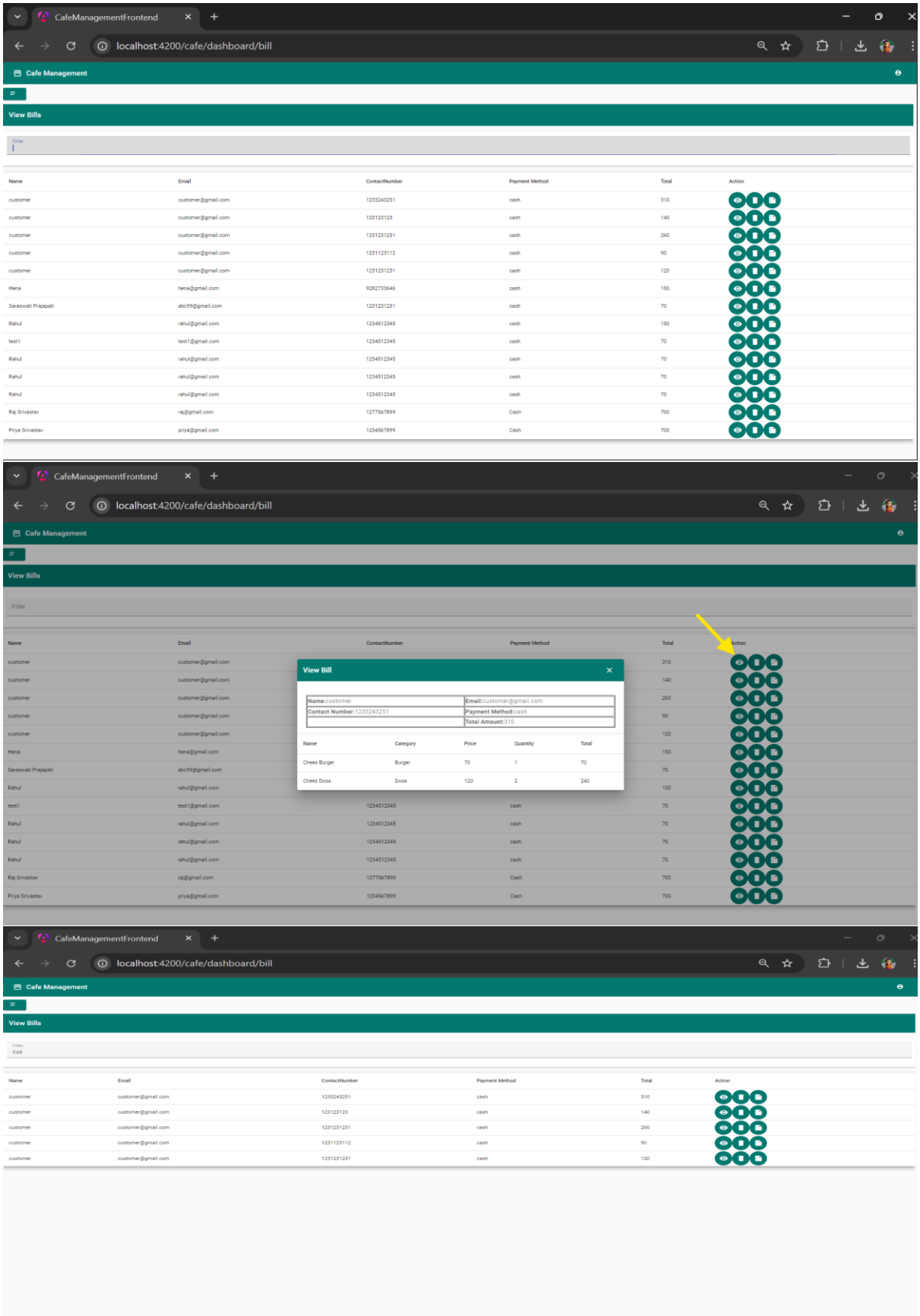
4. **Manage Order** – this will help to admin to take the order and generate the bill in pdf.



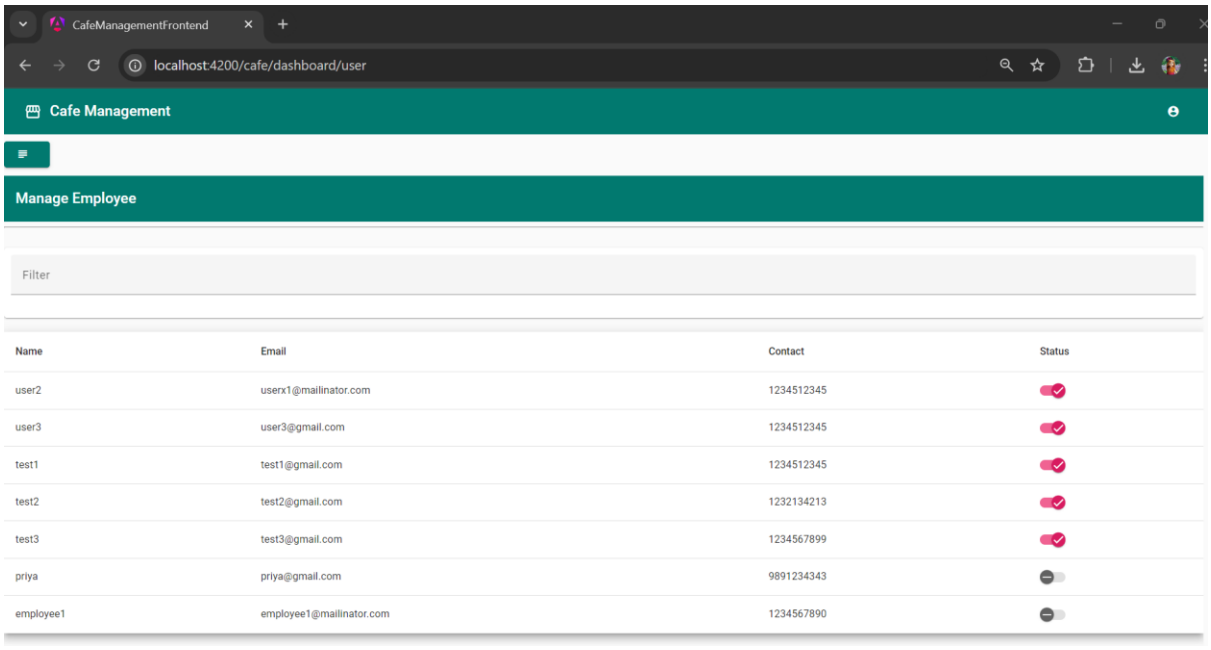


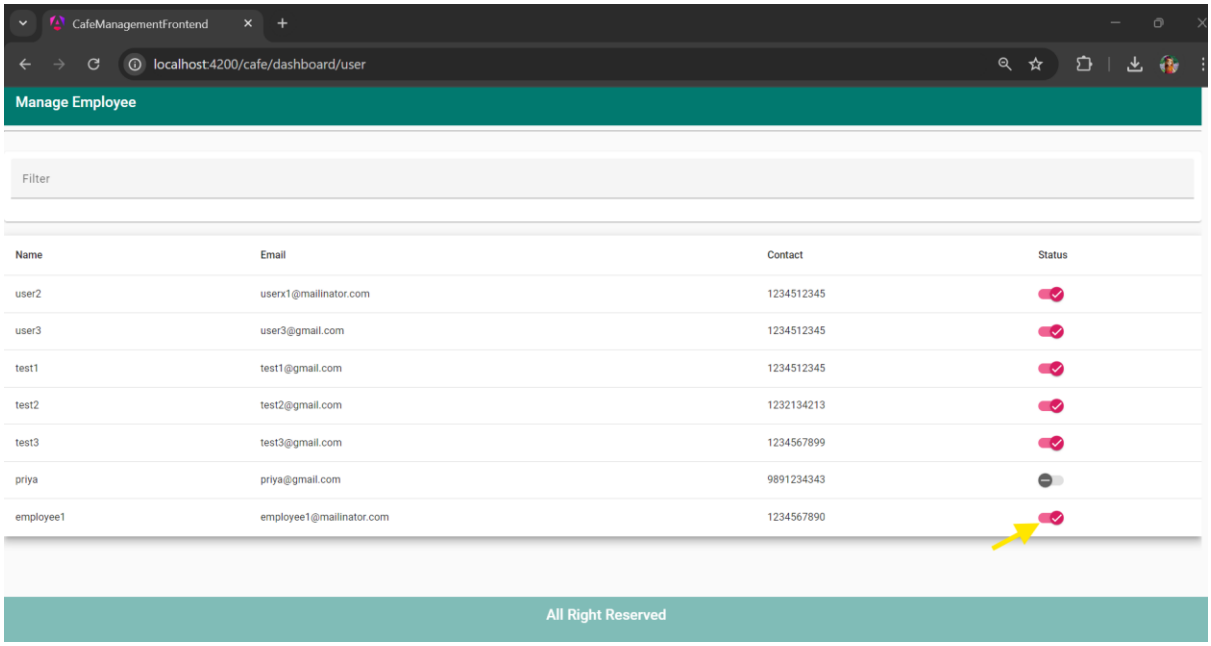


5. **View Bill** – this will help to show all the generate bill. Admin can view the bill delete the bill, download the bill and filter the bill by name.

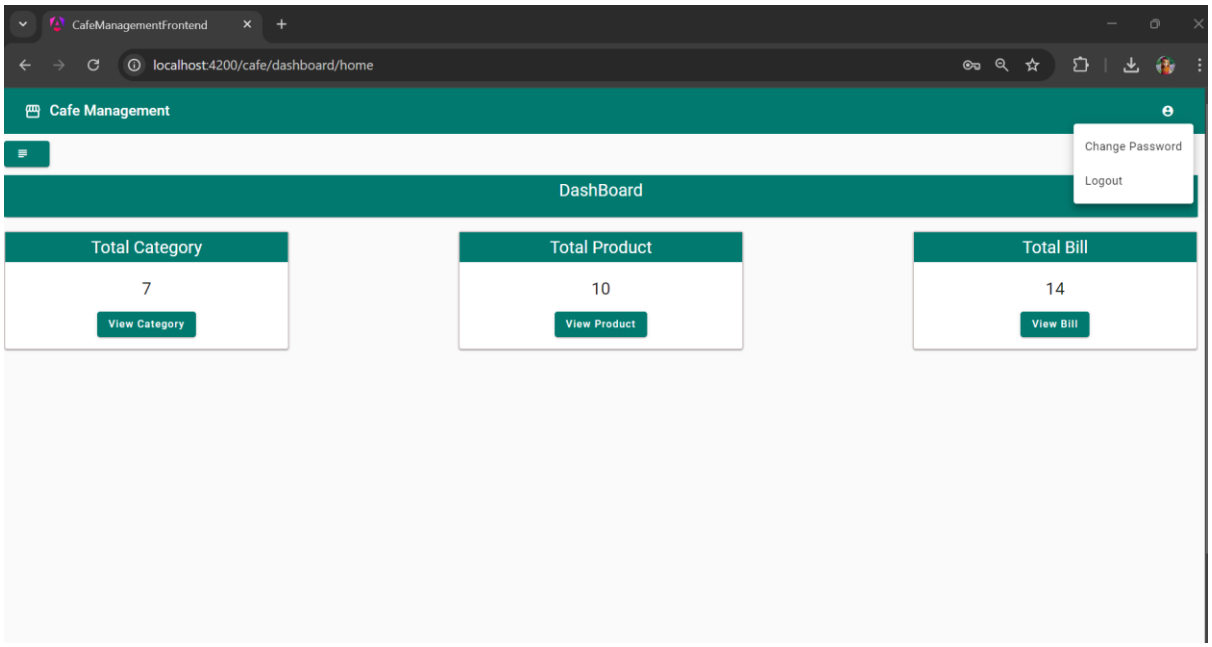


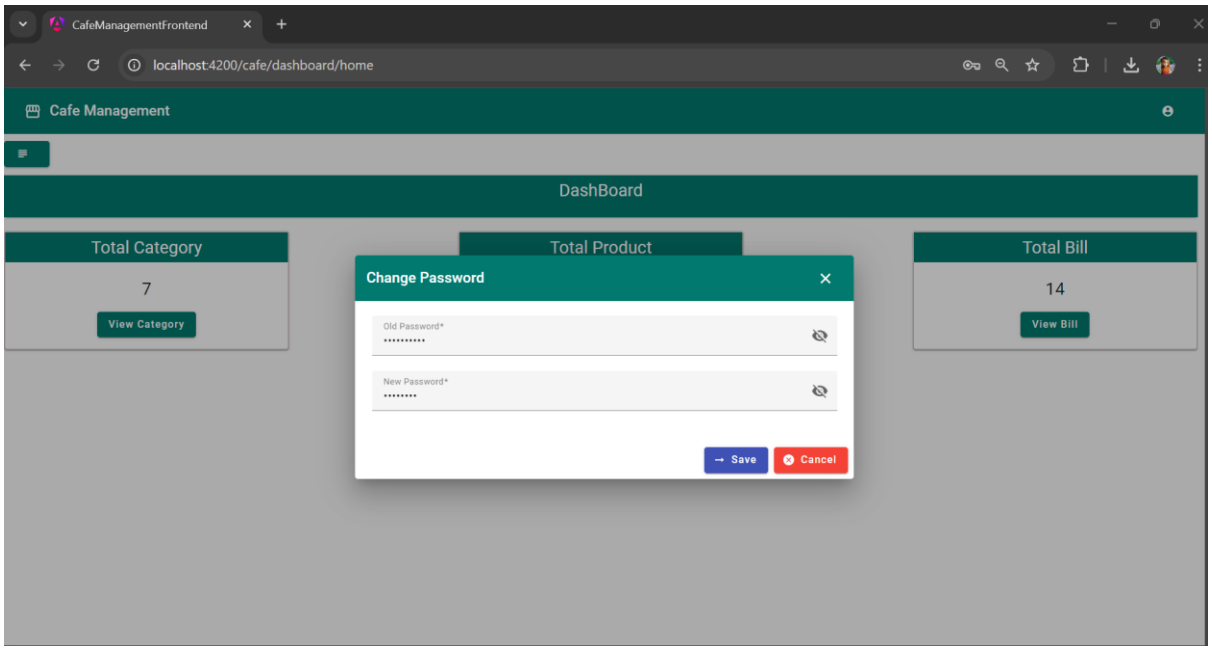
6. **Manage Employee** – this will help to admin to manage the registered employee. Here admin activate or deactivate the employee and filter the employee by name.



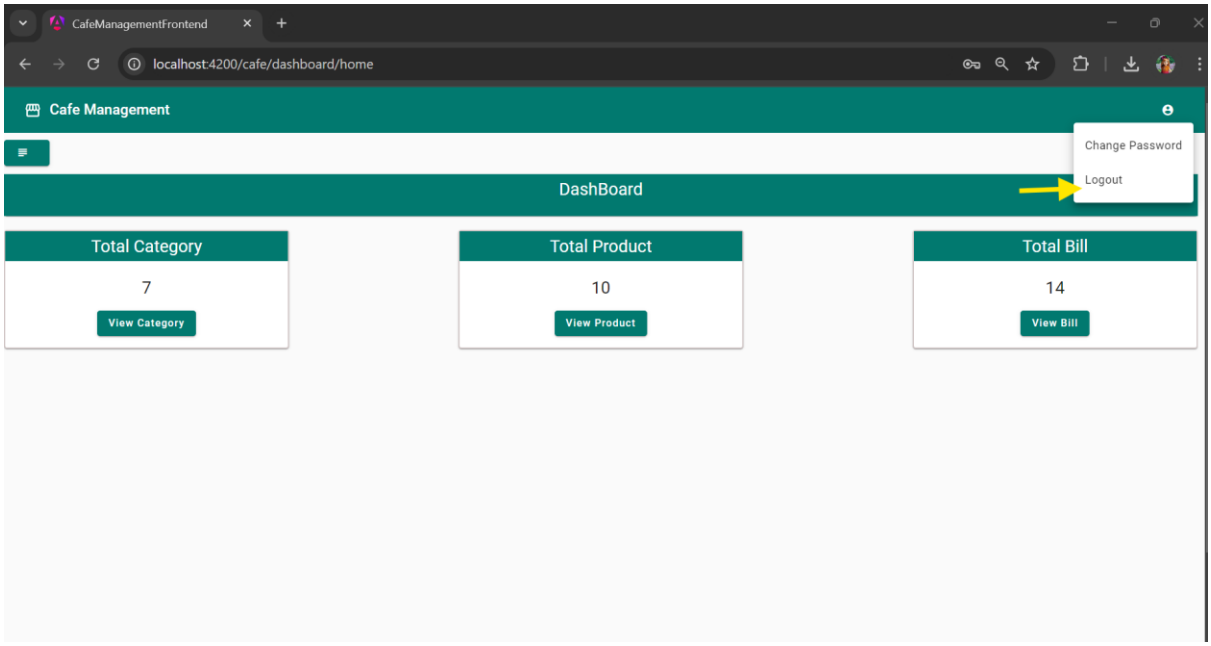


7. **Change Password** – this will help the admin to change the password.





8. **Logout** – this will help the admin to logout.



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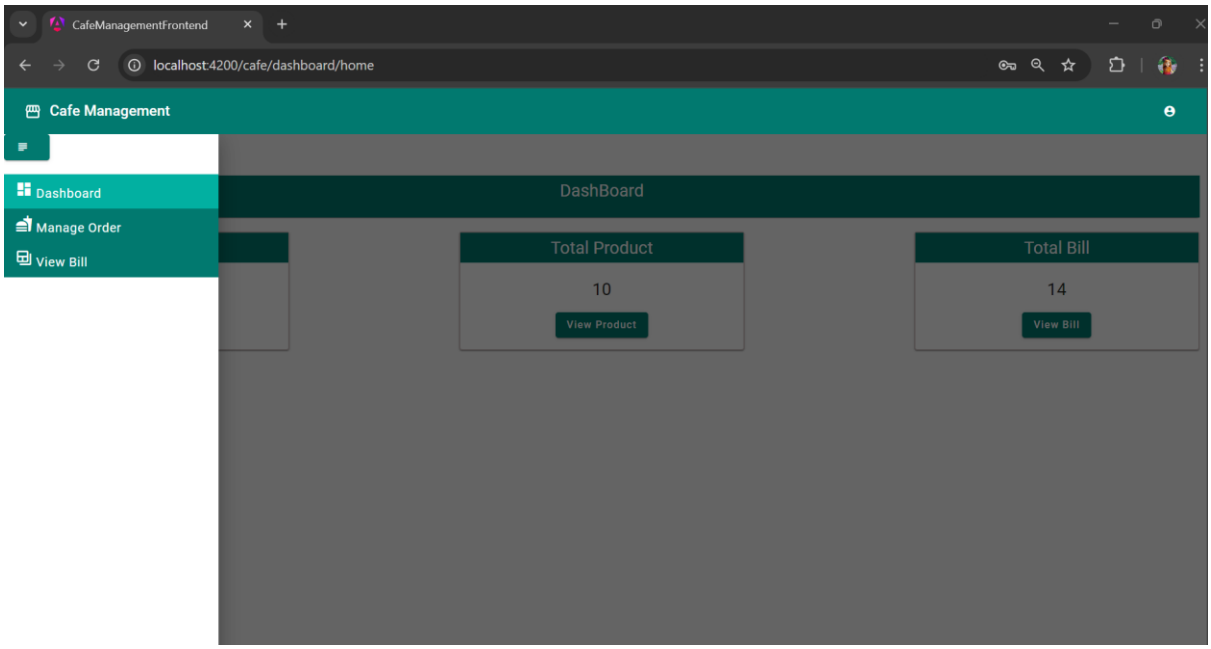

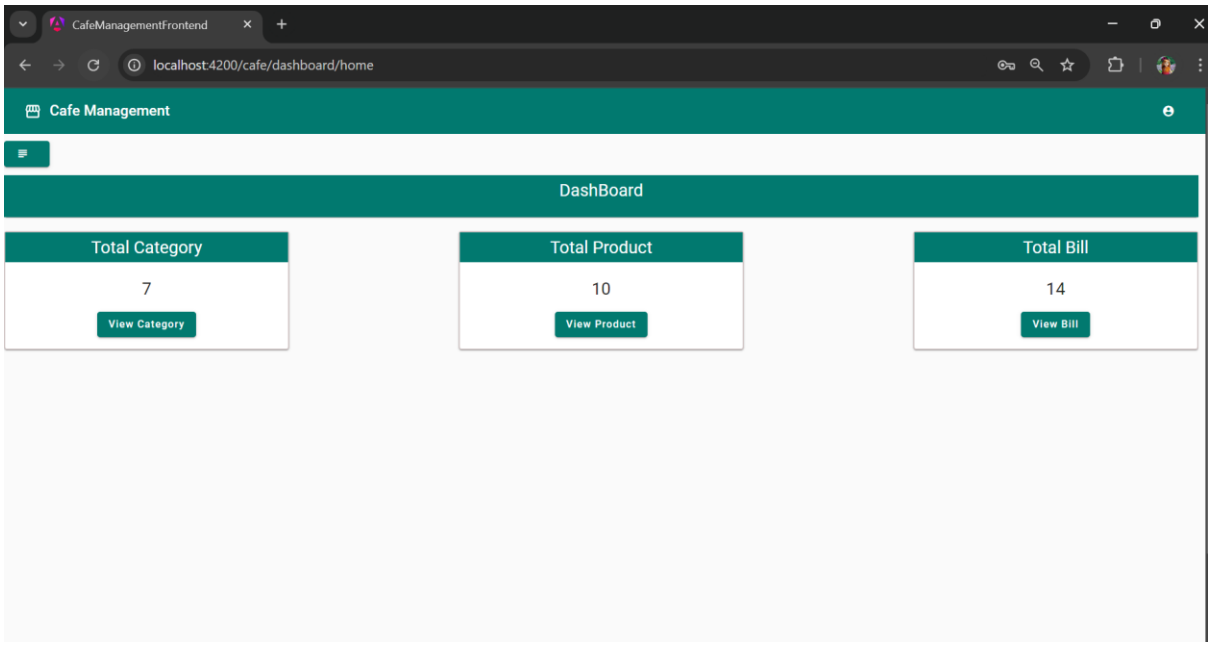

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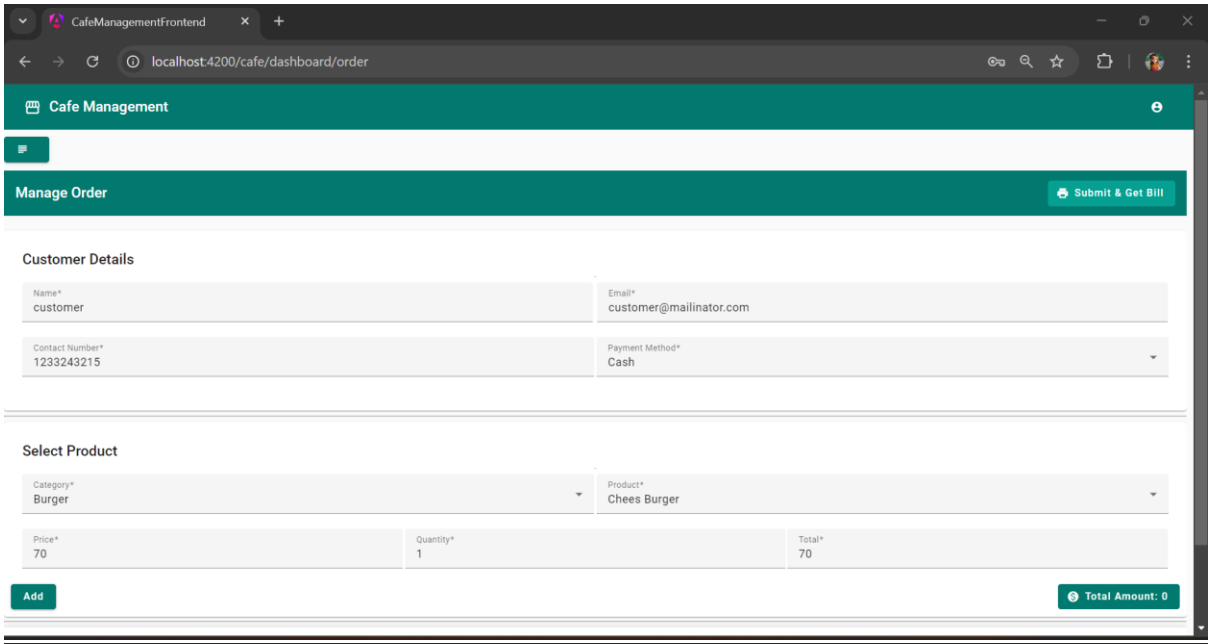

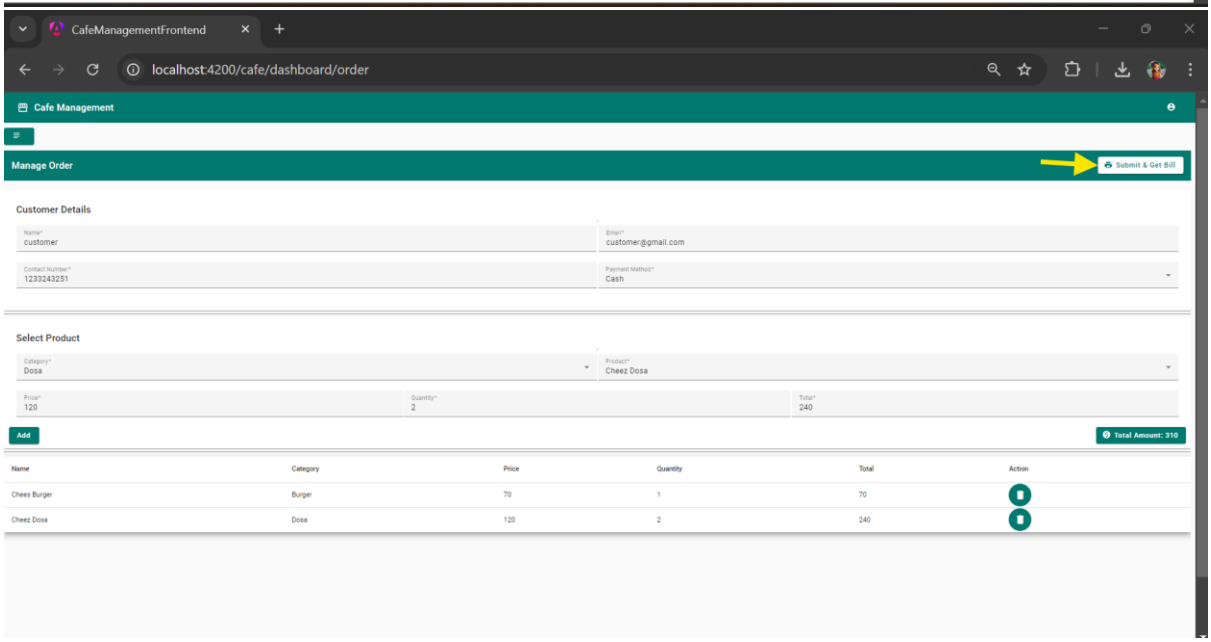

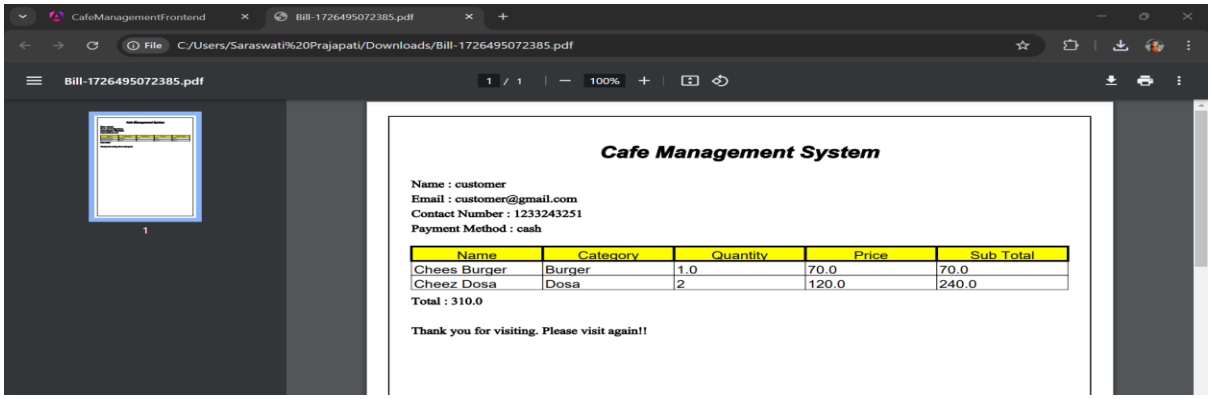

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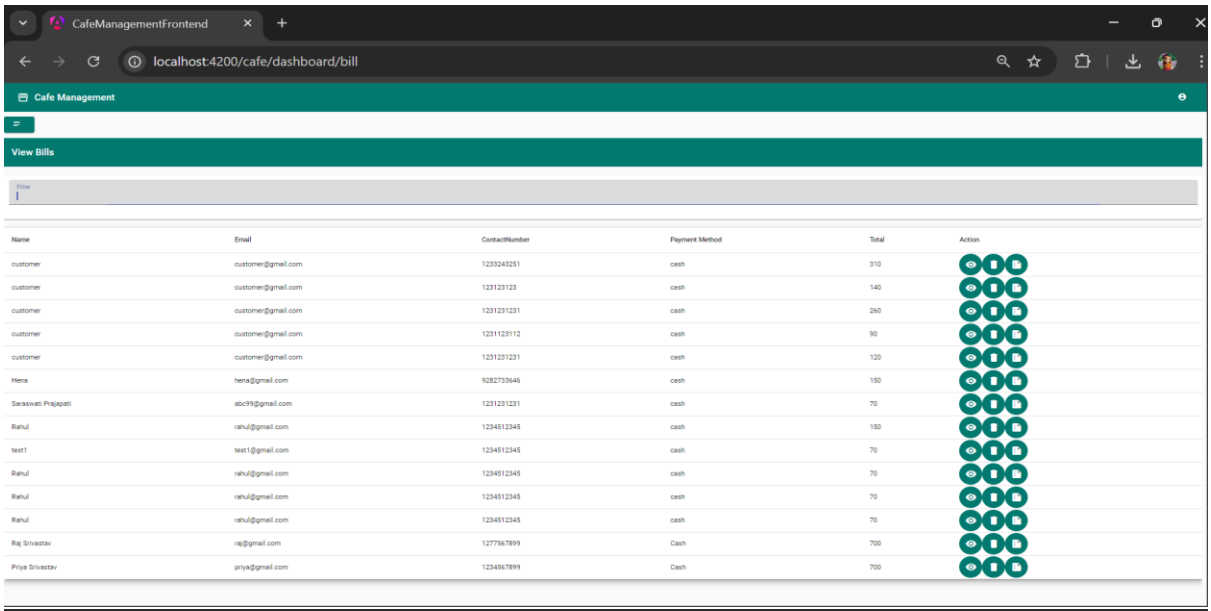

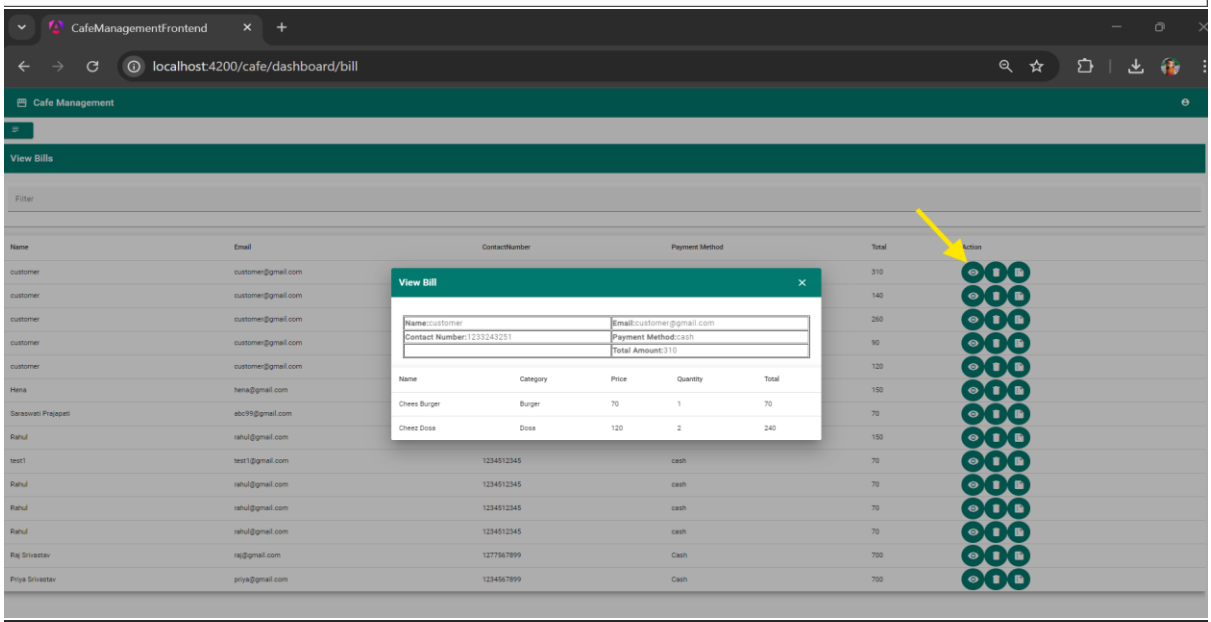

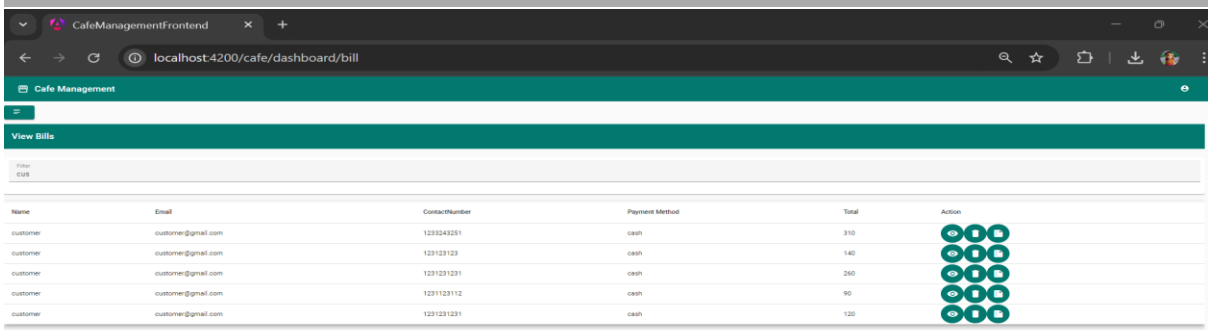

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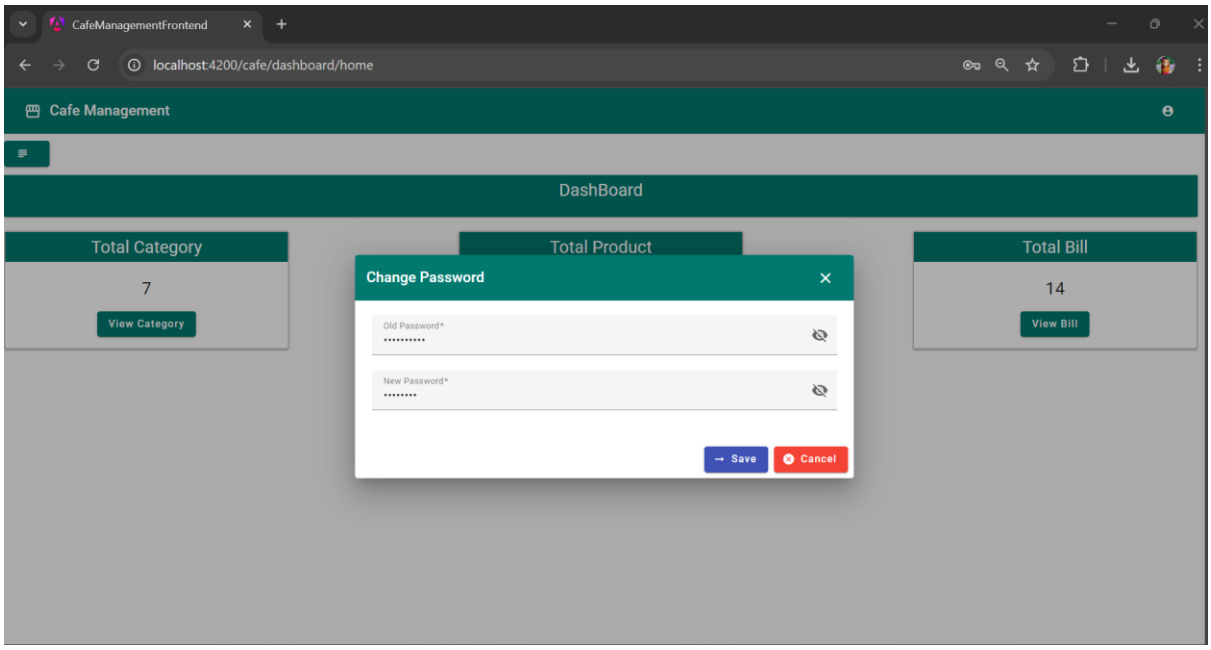
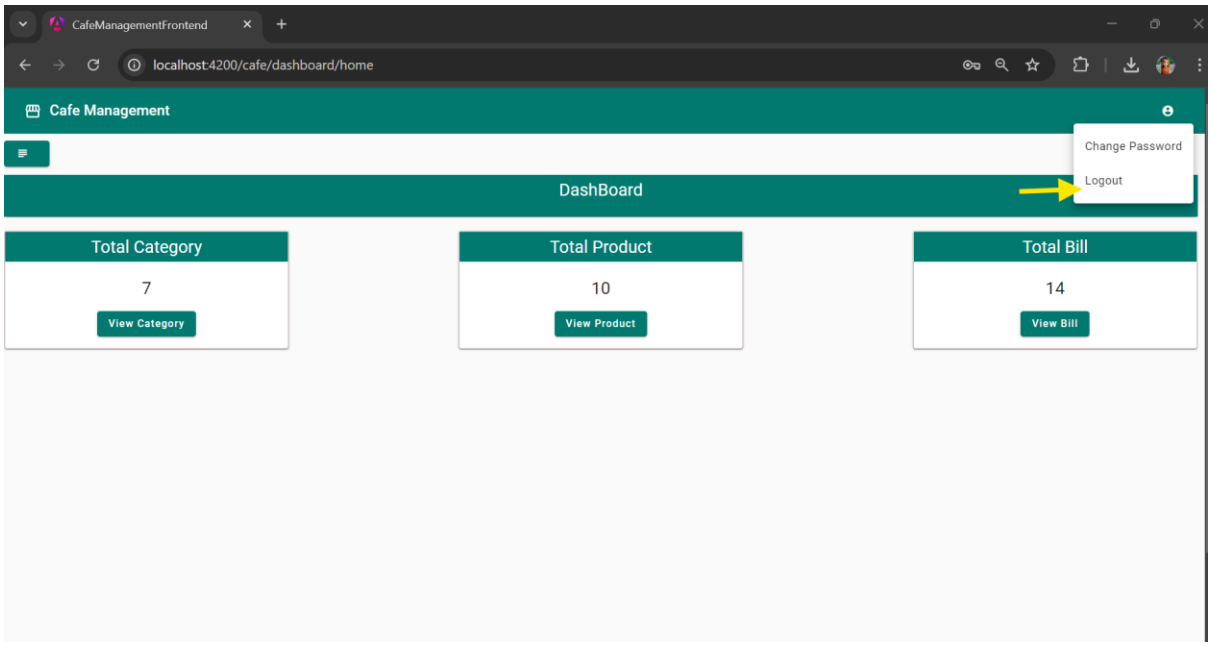
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