**A**
**PROJECT REPORT ON**

# SunBank Digital Wallet System

SUBMITTED IN
PARTIAL FULFILLMENT OF

**DIPLOMA IN ADVANCED COMPUTING (PG-DAC)**


**BY**

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**UNDER THE GUIDENCE OF**

**Mr. Onkar Chougale Sir**

**AT**

**SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY, Karad**

**SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY,**
**Karad**


# CERTIFICATE

This is to certify that the project

## SunBank Digital Wallet System

has been submitted by

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Chincholi Bhagesh

In partial fulfillment of the requirement for the Course of **PG Diploma in Advanced Computing (PG-DAC March 2024)** as prescribed by The **CDAC** ACTS, PUNE.

Place: Karad Date: 14-AUG-2024

**Mr. Onkar Chougale Sir**
**Project Guide**

**Mr. Pratik Ninganur Sir**
**Course Coordinator**

# ACKNOWLEDGEMENT

A project usually falls short of its expectation unless aided and guided by the right persons at the right time. We avail this opportunity to express our deep sense of gratitude towards **Mr. Prashant Lad (Center Coordinator, SIIT, Karad)** and **Mr. Pratik Ninganur (Course Coordinator, SIIT, Karad).**

We are deeply indebted and grateful to them for their guidance, encouragement and deep concern for our project. Without their critical evaluation and suggestions at every stage of the project, this project could never have reached its present form.

Last but not the least we thank the entire faculty and the staff members of Sunbeam Institute of Information Technology, Karad for their support.

Girhe Sham

Gosavi Mehul

Amte Tushar

Chincholi Bhagesh

**DAC March 24 Batch,**

**SIIT Karad**

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# INTRODUCTION

This Software Requirements Specification (SRS) aims to provide a comprehensive and well-documented outline of the requirements for the "SunBank" digital wallet payment service. This document serves as a guiding resource to articulate the fundamental aspects of the digital wallet ecosystem. "SunBank" constitutes a dynamic platform encompassing multiple functionalities, catering to both users and sellers. The digital wallet system comprises two integral subsystems: the User Wallet subsystem and the Merchant Services subsystem. Generally, in society all the work is decided in meetings and maintenance bills, contact no of members are noted on the papers. There is no automated system for doing all the things that generally happen in society, so that members can come to know what is happening in society.

The "SunBank" digital wallet payment service is engineered to revolutionize the realm of online financial transactions, allowing users to manage their funds with unparalleled convenience and security. By amalgamating cutting-edge technology with a user-centric approach, the system facilitates secure and efficient transactions within an extensive network of users and merchants. This digital wallet service is a reflection of the modern age's transformational shift towards digital finance, ensuring seamless financial interactions and enhancing financial inclusion.

**Features: -**

1. Separate login for Customer and Admin.
2. Easy to add or update the customer information by admin.
3. Easy to do online transactions by customer.
4. Admin can manage all customers' accounts and transactions done by customers.
5. Customers can check their account transaction history, also can get statement on email.
6. Easy to do update profile and to do transactions.
7. Customer can apply for FD or Loan as per their requirement.

## 1.1 PROJECT OBJECTIVE

The objective of the project is to create a secure and user-friendly digital wallet platform that enables easy fund management, peer-to-peer transactions, and seamless interactions with online merchants. Prioritize security, accessibility, affordability, and financial inclusivity, while offering a convenient interface and expanding global seller services.

## 1.2 PROJECT OVERVIEW

The "SunBank" digital wallet payment service presents a streamlined solution for users to manage their finances seamlessly, eliminating the need for physical payment methods. Likewise, the service benefits sellers by extending their reach to a global audience. This system is designed to be accessible to users of various backgrounds, requiring only basic computer and smartphone operation skills for efficient use.

The "SunBank" platform offers user-friendly interfaces for both buyers and sellers. Users can effortlessly top up their digital wallets, make peer-to-peer transactions, and conduct hassle-free online purchases from a diverse range of merchants. The project emphasizes accessibility and inclusivity, allowing individuals without technical expertise to participate effectively.

- Product Perspective

The "SunBank" digital wallet service addresses the needs of individuals who seek efficient and secure financial transactions without the need to visit physical locations. It streamlines the process of managing funds, making payments, and conducting transactions online.

- Product Function

Adding funds to digital wallets

Facilitating peer-to-peer money transfers

Enabling online purchases from a variety of merchantsE-Commerce SunBank should support this use case:

- User Characteristics

Users should have a basic understanding of terms like account login, wallet balance, transactions, and security features to effectively utilize the "SunBank" digital wallet service.

- Principle Actors

Users (both customers and sellers)

Admin for system management and oversight

- General Constraints & Dependencies

The "SunBank" digital wallet service is reliant on users having access to a computer or smartphone with a stable internet connection. This infrastructure is essential for the seamless operation of the system and its core functionalities.

## 1.3 PROJECT SCOPE

The "SunBank" digital wallet payment service serves as a comprehensive platform for secure and seamless financial transactions. It enables users to effortlessly manage their funds, engage in peer-to-peer money transfers, and conduct transactions with various online merchants. By creating a secure and user-friendly ecosystem, the project enhances financial inclusivity and empowers users with a digital wallet solution that adapts to modern finance trends.

The "SunBank" project is designed to facilitate interactions between users and sellers on a global scale. Users can easily add funds to their digital wallets, make swift money transfers, and engage in online transactions

with confidence. The service stands out for its ability to offer users a convenient way to manage their financial activities from a remote location, eliminating the need for physical presence.

Key features, such as recommendation models and detailed transaction histories, provide users with personalized insights and help in discovering suitable products. These features, accompanied by secure money transactions and reliable delivery services, contribute to customer satisfaction and build a sense of trust within the user community.

The "SunBank" project is dedicated to increasing sales and customer loyalty. Corporate goals involve optimizing management costs, ensuring customer satisfaction, and fostering long-term relationships. Embracing technology, innovative marketing strategies, and adaptive research and development efforts form the cornerstone of the project's growth strategy. The vision for "SunBank" is to establish itself as a user-centric, efficient platform that caters to the evolving financial needs of both customers and sellers, creating a robust digital finance ecosystem.

## 1.4 STUDY OF THE SYSTEM

### 1.4.1 MODULES:

The system after careful analysis has been identified to be presented with the following modules and roles.

The modules involved are:

➢ Administrator

➢ Users

- Administrator

The administrator is the super user of this application. Only admin have access into this admin page. Admin may be the owner of the platform. The administrator has all the information about the users and about all transactions. This module is divided into different sub modules.

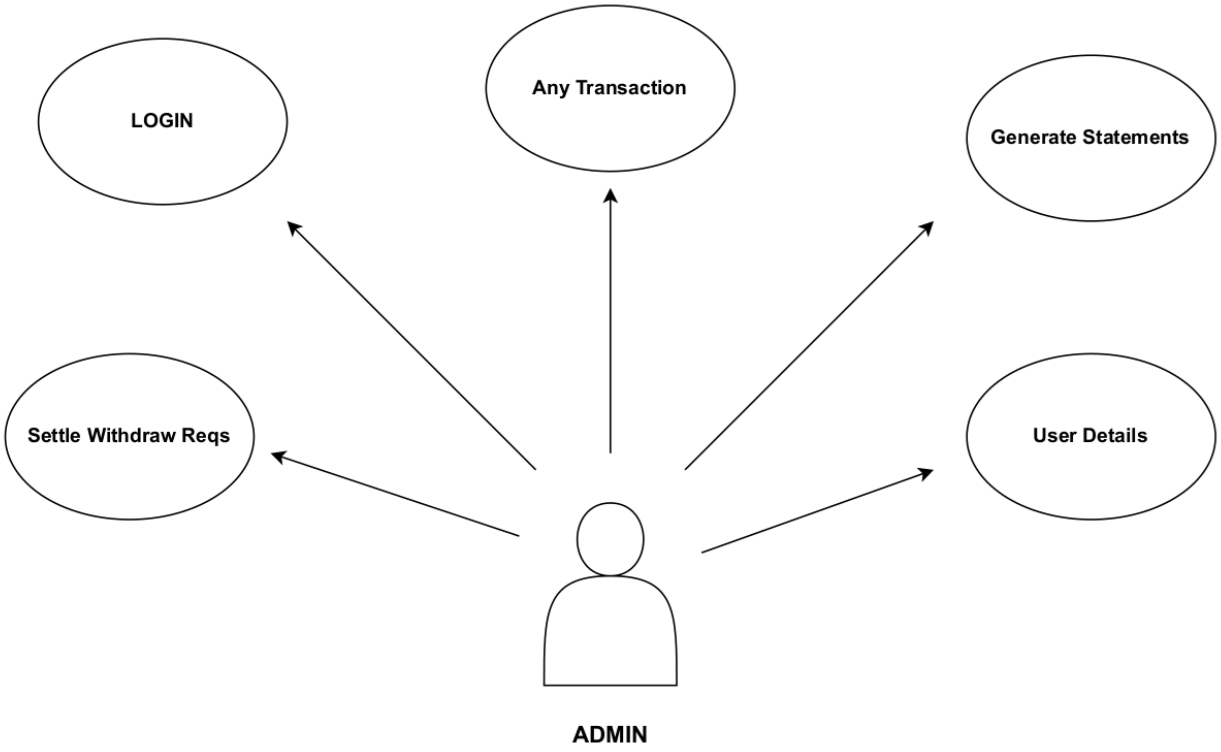



Figure 1: Admin Activity Diagram

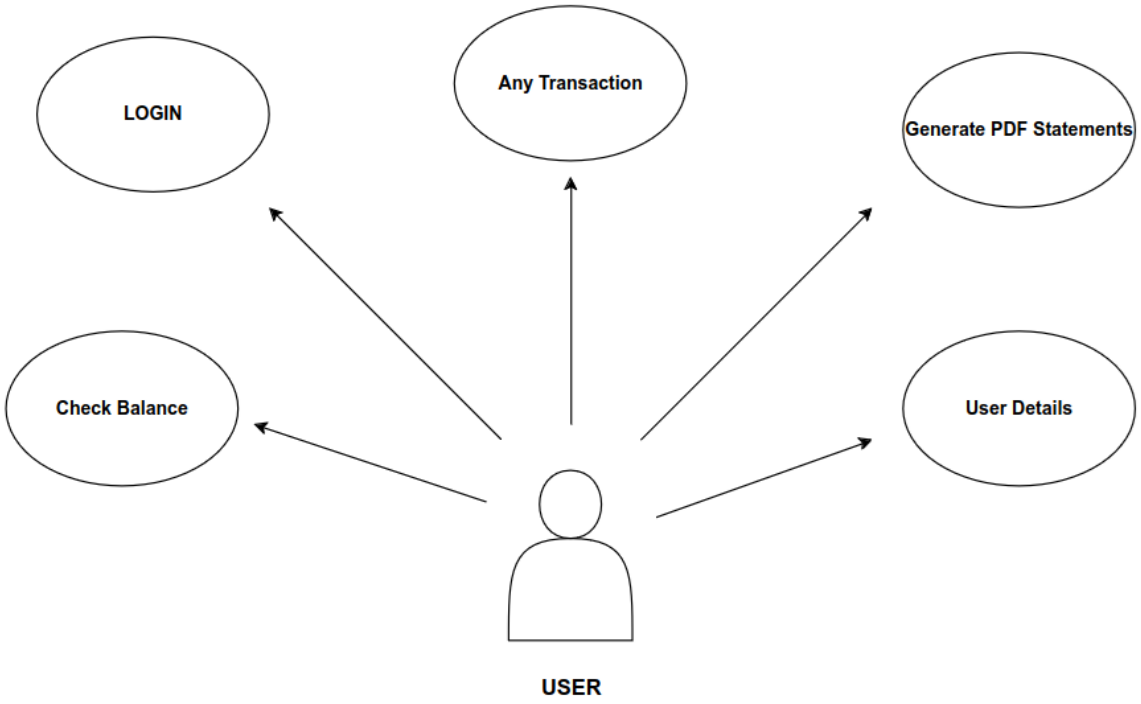



Figure 1: User Activity Diagram

# SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems, and using the information to recommend improvements on the system. System analysis is a problem-solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is viewed as a whole, the inputs are identified, and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

## 2.1 EXISTING SYSTEM

The current system for payments is to visit the shop manually and produce the currency cash for of the price of the item.

It is less user-friendly

User must go to shop and encash the products.

It is difficult to count currency for large the required product.

It is a time-consuming process

Not in reach of distant users.

## 2.2 PROPOSED SYSTEM

**The "SunBank" digital wallet payment service radically transforms the existing shopping paradigm. Unlike the manual process of visiting physical stores, the project brings convenience and efficiency to users' fingertips.`**

### 2.3 SYSTEM RQUIREMENT SPECIFICATION

**A Software Requirements Specification (SRS) document for a digital wallet system outlines the functional and non-functional requirements of the system, as well as its scope, architecture, user interfaces**

### 2.3.1 SYSTEM OBJECTIVES

- To provide a web application for online payments across globe.
- To provide an online payments web site for business and individual users.

### 2.3.2 SYSTEM REQUIREMENTS

### NON-FUNCTIONAL REQUIREMENTS

Modularity:

- SunBank would be complex application due to its functionality expected.
- SunBank would be composed using set of reusable modules.

Portability :

- SunBank could be accessed from any personal device.
- SunBank will provide portable user interface using standard web technologies while building portal.
- SunBank could be deployed to any server Operating Environment.
- SunBank could be deployed to any Cloud such as Microsoft Azure or Amazon Web Service (AWS) or GCP
- SunBank could have been deployed to any other physical server or Virtualized server.

Security :

- SunBank will implement Role based security to access content from Remote place.
- SunBank will provide secure communication between payment gateway applications (SSL)
- SunBank will expire session maintained for each user after 15 minutes.
- SunBank will not keep any sensitive data on user's device.

- Users' information would be protected.
- All servers where SunBank deployed would have been protected using firewall.

## Safe :

- SunBank will keep regular back up of data in incremental way.
- SunBank will be protected against malicious attack with proper cybersecurity rules.
- SunBank hosted servers would have been protected within restricted environment.

## Reliability :

- SunBank will always be available 99.999%.
- SunBank should have low downtime.
- SunBank server would keep their availability using failover server.

## Scalability :

- SunBank will provide consistent user experience irrespective of number users grow on particular events such as festival season as transactions increase. (Load balancing).

## Compatibility :

- SunBank could be installed on Windows server, Linux server.
- SunBank will provide chrome browser compatible user interface.

## FUNCTIONAL REQUIREMENTS

## USER

- USER LOGIN
- **Description of feature**
- This feature used by the user to login into system. A user must login with his username and password to the system after registration. If they are invalid, the user not allowed to enter the system.

  Functional Requirement

  • Username and password will be provided after user registration is confirmed.
  • Password should be hidden from others while typing it in the field.

- REGISTER NEW USER

Description of feature :

A new user will have to register in the system by providing essential details in order to transact in the system. The admin must approve new transaction.

Functional Requirement

• System must be able to verify and validate information.

• The system must encrypt the password of the customer to provide security.

## Funnctional Requirement

- System must ensure that, only a registered customer can carry transactions.
- Admin account should be secured so that only owner can access that account.
- Users can create accounts with valid email addresses and passwords.
- User authentication will be required for accessing wallet functionalities.
- Users can view their wallet balances.
- Users must be able to add funds to their digital wallets using various payment methods such as credit/debit cards, net banking, and UPI.
- The system should provide real-time updates of wallet balances after successful top-up transactions.
- Users should be able to send money to other users within the platform using recipient's wallet ID or Bank Account ID.
- Users should be able to withdraw funds from their digital wallets to their linked bank accounts.
- Withdrawal requests should be processed securely and efficiently.
- Maintain a detailed transaction history for each user, including top-ups, transfers, withdrawals, and purchases.
- Users should be able to view their transaction history within the application.
- PDF statements download facility.
- Admins should have access to a secure panel for managing user accounts, verifying sellers, and monitoring transactions.
- Design the system architecture to handle a high volume of concurrent transactions without performance degradation.
- Provide a platform for users to contact customer support for assistance with transactions, account issues, and inquiries.

ADMIN

- MANAGE USER

Description of features :

The administrator can add user, delete user, view user and block user.

- VIEW TRANSACTION

Description of features :

The administrator can view transactions and details of customers.

- Functional Requirements :
  - The system must identify the login of the admin.
  - Admin account should be secured so that only owner of the shop can access that account.

# SYSTEM DESIGN

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. Its emphasis on translating design. Specifications to performance specification. System design has two phases of development.

- Logical Design
- Physical Design

During logical design phase the analyst describes inputs (sources), outputs(destinations), databases (data sores) and procedures (data flows) all in a format that meets the user requirements. The analyst also specifies the needs of the user at a level that virtually determines the information flow in and out of the system and the data resources. Here the logical design is done through data flow diagrams and database design. The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which specify exactly what the candidate system must do. The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted data and produce the required report on a hard copy or ssssdisplay it on the screen.

## 3.1 INPUT AND OUTPUT DESIGN

### 3.1.1 INPUT DESIGN :

Input design is the link that ties the information system into the world of its users. The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Inaccurate inputs are the most common cause of errors in data processing. Errors entered by the data entry operators can be controlled by input design. The user-originated inputs are converted to a computer-based format in the input design. Input data are collected and organized into groups of similar data. Once identified, the appropriate input media are selected for processing. All the input data are validated and if any data violates any conditions, the user is warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. A page is designed for this purpose which is user friendly and easy to use. The design is done such that users get appropriate messages when exceptions occur.

### 3.1.2 OUTPUT DESIGN :

Computer output is the most important and direct source of information to the user. Output design is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output. The output module of this system is the selected notifications**.**

# DATABASE DESIGN

## 3.2 DATABASE

Databases are the storehouses of data used in the software systems. The data is stored in tables inside the database. Several tables are created for the manipulation of the data for the system. Two essential settings for a database are –

- Primary key - the field that is unique for all the record occurrences
- Foreign key - the field used to set relation between tables

Normalization is a technique to avoid redundancy in the tables.

## 3.3 SYSTEM TOOLS

The various system tools that have been used in developing both the front end and the back end of the project are being discussed in this chapter**.**

### 3.3.1 FRONT END:

React is a library (version 17.0)which is developed by Facebook are utilized to implement the frontend. React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces or UI components. It is maintained by Facebook and a community of individual developers and companies. React can be used as a base in the development of single page or mobile applications. However, React is only concerned with state management and rendering that state to the DOM, so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality.

### 3.3.1 BACK END:

The back end is implemented using MySQL(8.0) which is used to design databases.

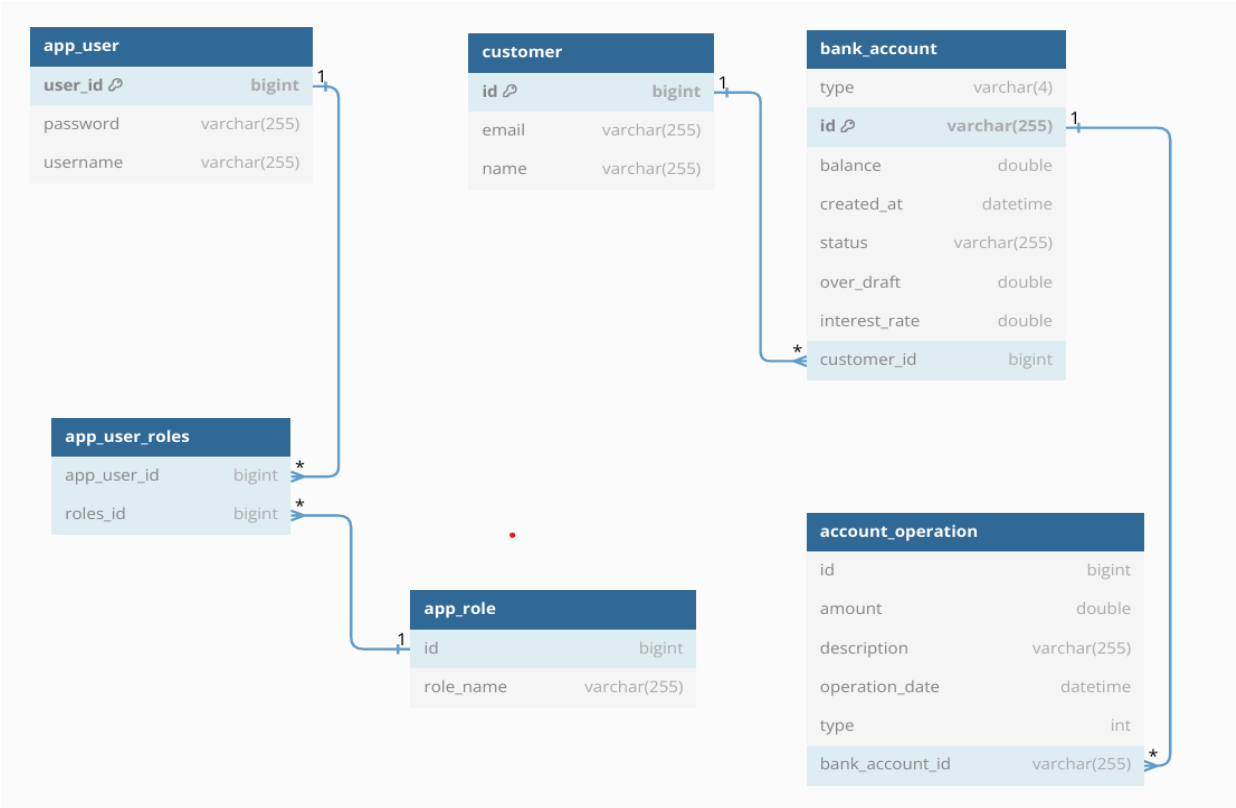
### MySQL:

MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language.

## Spring-Boot(v 3.1.3):

This is used to connect MYSQL and fetch data from database and store the data in database. The Spring Framework is an application framework and inversion of control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE (Enterprise Edition) platform. Although the framework does not impose any specific programming model, it has become popular in the Java community as an addition to the Enterprise JavaBeans (EJB) model. The Spring Framework is Open-source Framework.

# Class Diagram



# Table Structure

**Tables :**

| Tables_in_bankdb |
|---|
| account_operation |
| app_role |
| app_user |
| app_user_roles |
| bank_account |
| customer |

**Bank Account :**

| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| type | varchar(4) | NO | | NULL | |
| id | varchar(255) | NO | PRI | NULL | |
| balance | double | NO | | NULL | |
| created_at | datetime | YES | | NULL | |
| status | varchar(255) | YES | | NULL | |
| over_draft | double | YES | | NULL | |
| interest_rate | double | YES | | NULL | |
| customer_id | bigint | YES | MUL | NULL | |

**Account Operation :**

| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| id | bigint | NO | PRI | NULL | auto_increment |
| amount | double | NO | | NULL | |
| description | varchar(255) | YES | | NULL | |
| operation_date | datetime | YES | | NULL | |
| type | int | YES | | NULL | |
| bank_account_id | varchar(255) | YES | MUL | NULL | |

**Customer :**

| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| id | bigint | NO | PRI | NULL | auto_increment |
| email | varchar(255) | YES | | NULL | |
| name | varchar(255) | YES | | NULL | |

**AppRole :**

| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| id | bigint | NO | PRI | NULL | auto_increment |
| role_name | varchar(255) | YES | | NULL | |

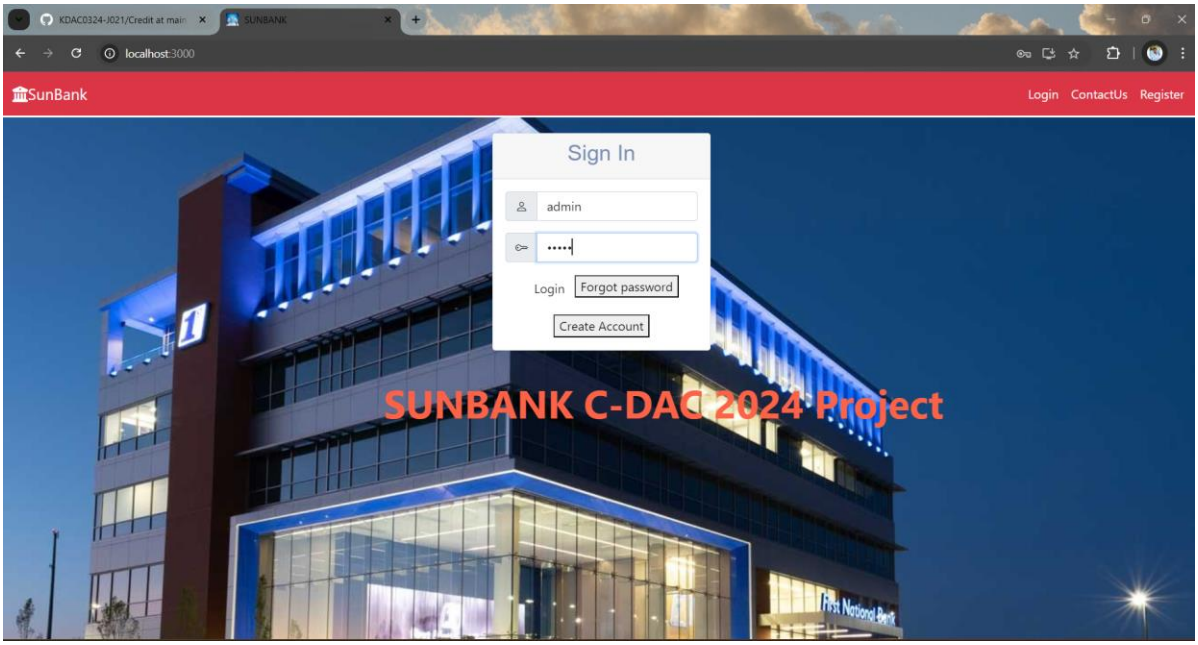
**AppUser :**

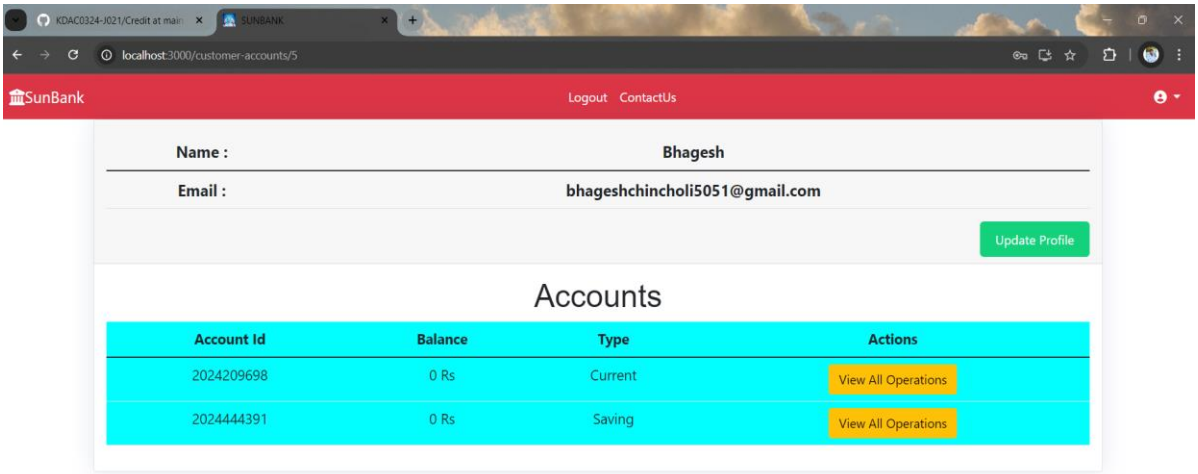
| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| id | bigint | NO | PRI | NULL | auto_increment |
| password | varchar(255) | YES | | NULL | |
| username | varchar(255) | YES | | NULL | |

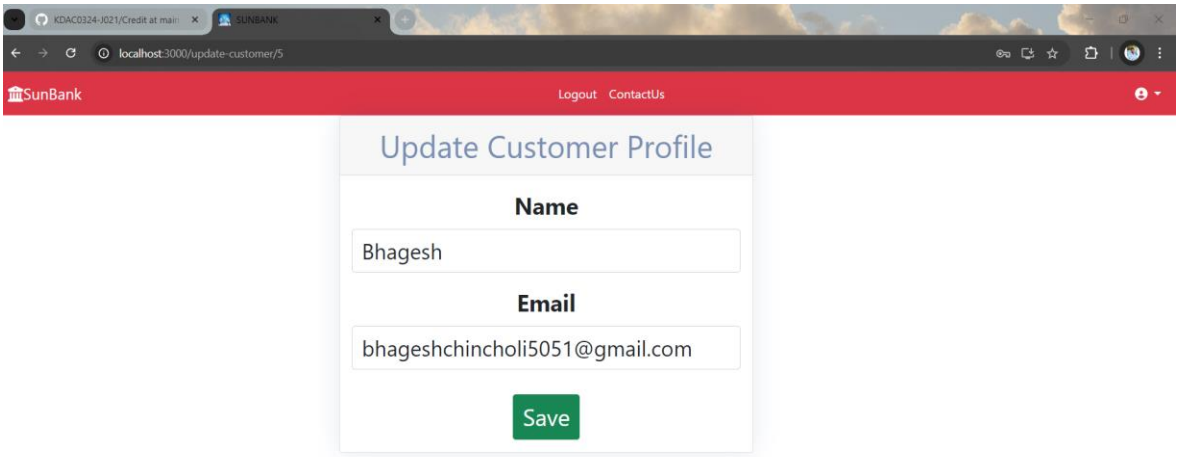
**AppUserRoles :**

| Field | Type | Null | Key | Default | Extra |
|---|---|---|---|---|---|
| app_user_id | bigint | NO | MUL | NULL | |
| roles_id | bigint | NO | MUL | NULL | |

# PROJECT DIAGRAMS

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SUNBANK
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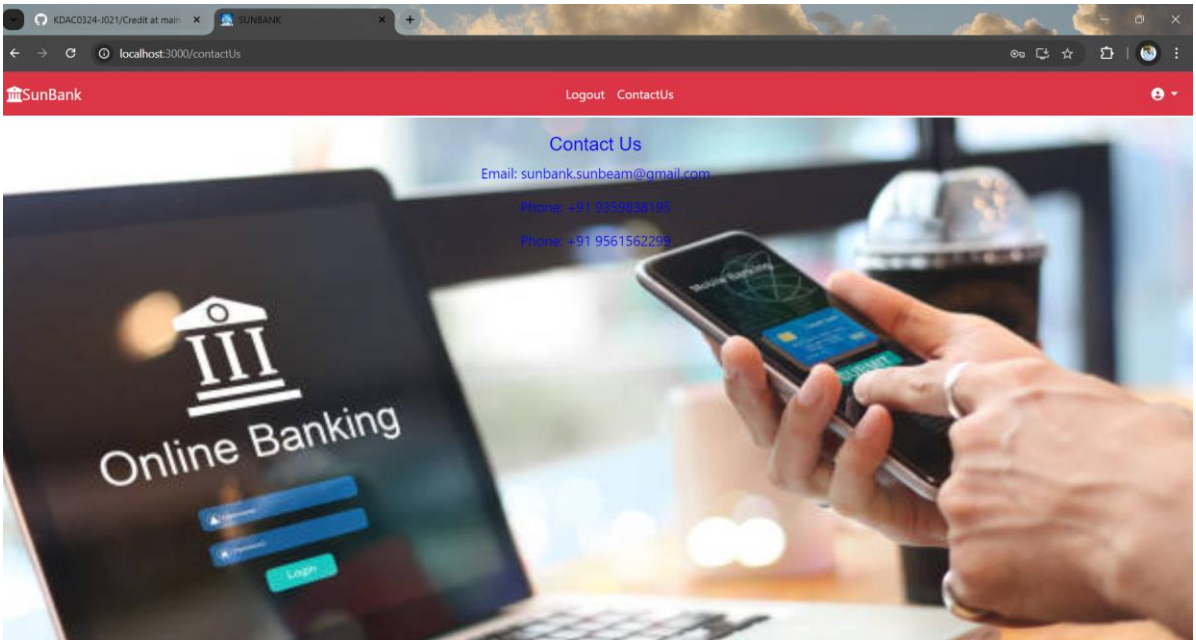
SunBank
Logout
ContactUs
Update Customer Profile
Name
Bhagesh
Email
bhageshchincholi5051@gmail.com
Save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SUNBANK
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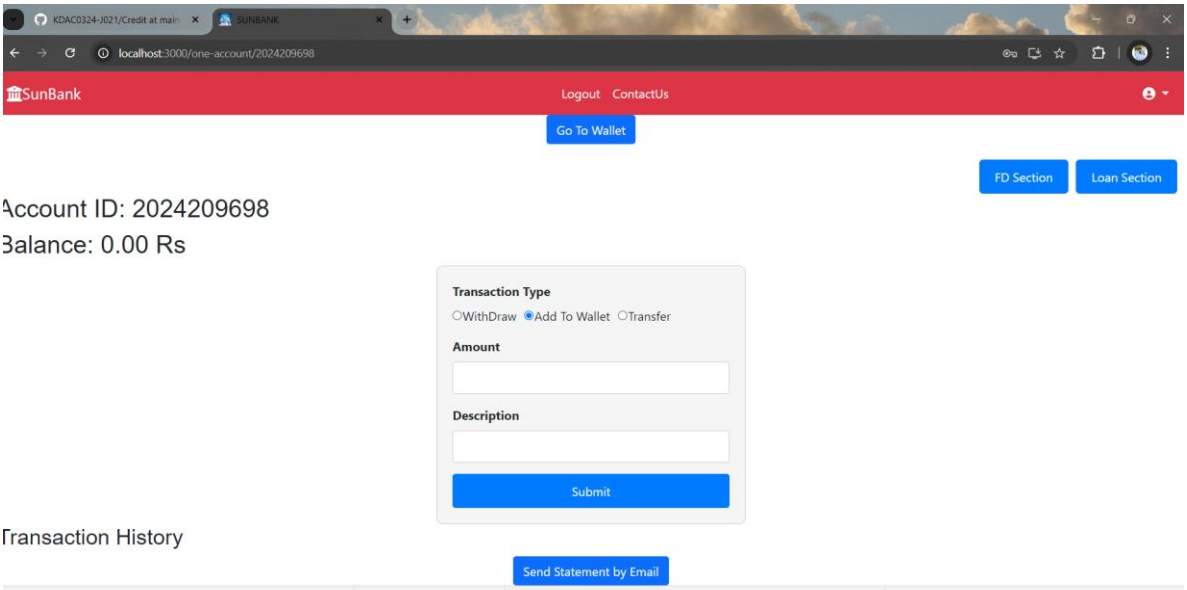
SunBank
Logout
ContactUs
Contact Us
Email: sunbank.sunbeam@gmail.com
Phone: +91 9359838195
Phone: +91 9561562295
Online Banking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SunBank
Logout
ContactUs
Go To Wallet
FD Section
Loan Section
Account ID: 2024209698
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Transfer
Amount
Description
Submit
Transaction History
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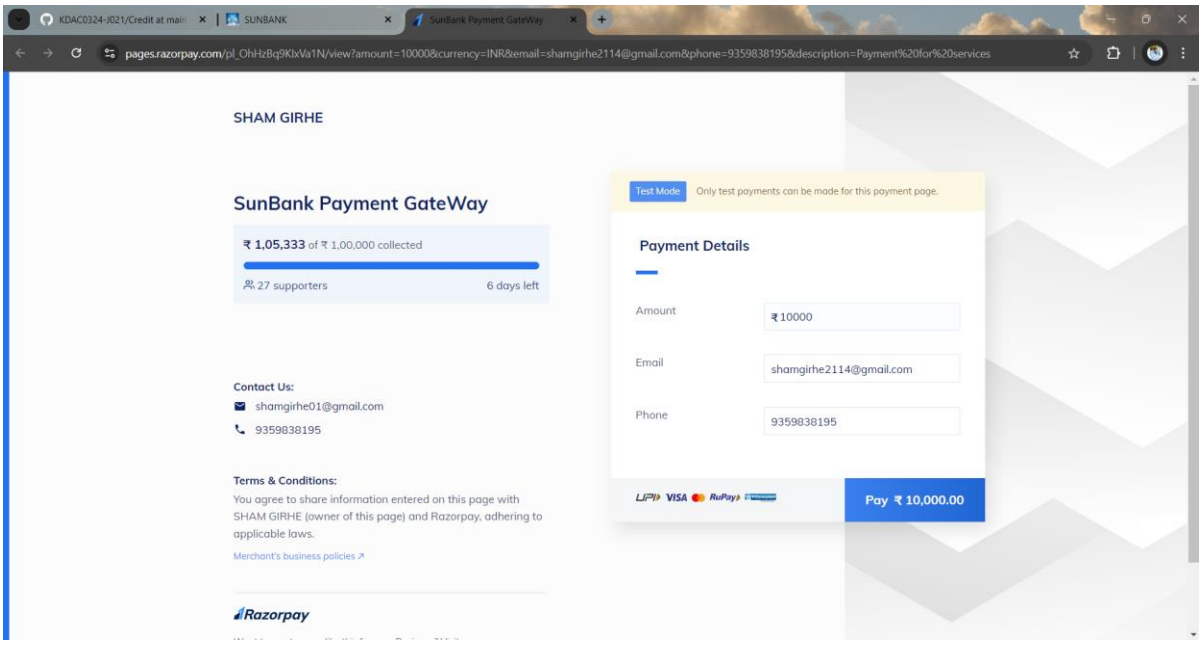
Date
Type
Amount
Description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SUNBANK
SunBank Payment GateWay
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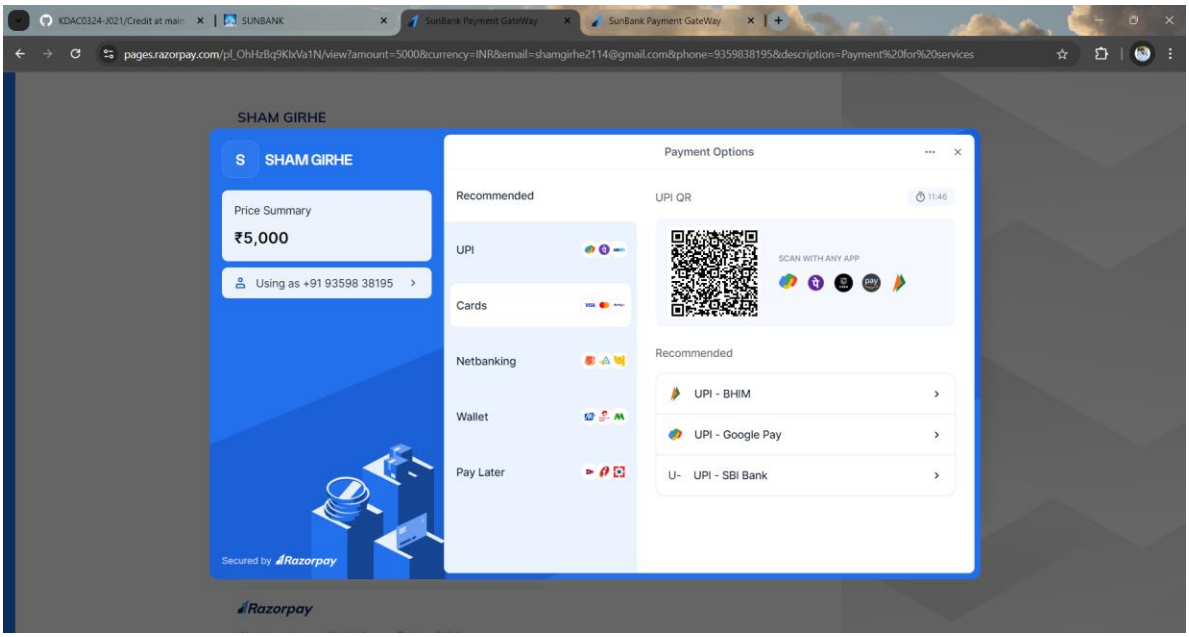
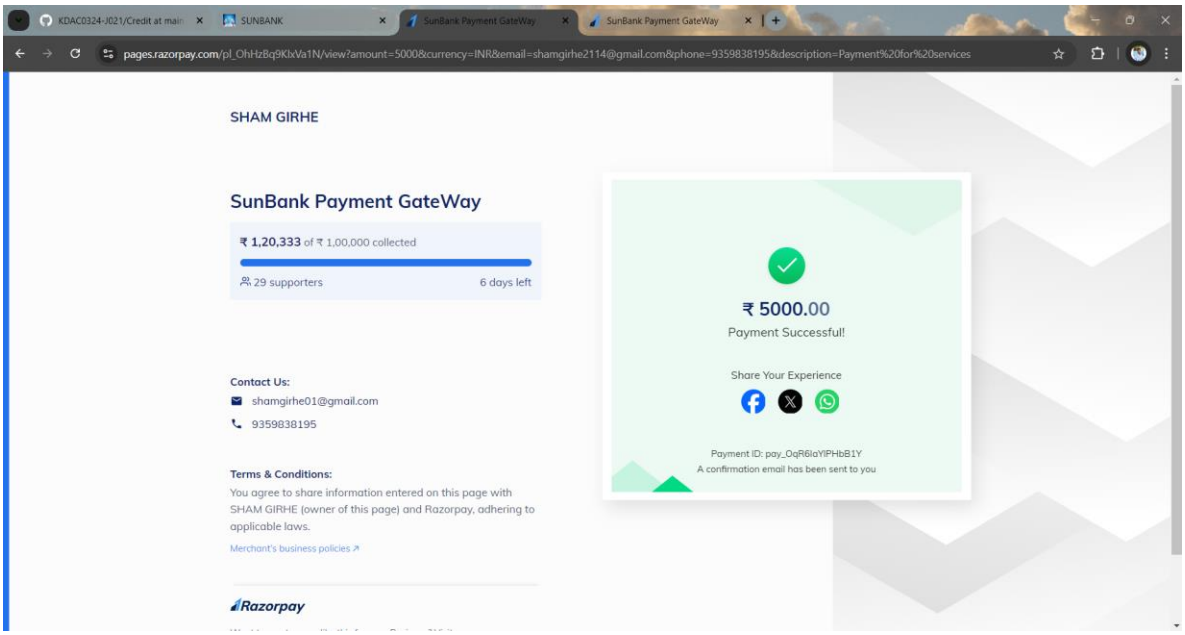
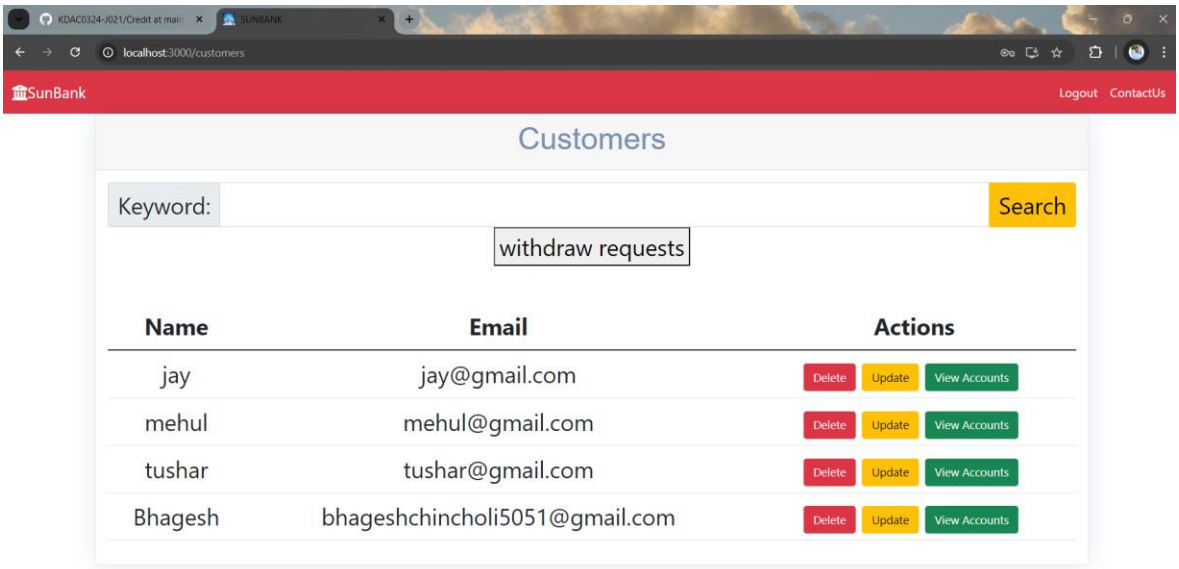
SHAM GIRHE
SunBank Payment GateWay
₹ 1,05,333 of ₹ 1,00,000 collected
27 supporters
6 days left
Contact Us:
shamgirhe01@gmail.com
9359838195
Terms & Conditions:
You agree to share information entered on this page with SHAM GIRHE (owner of this page) and Razorpay, adhering to applicable laws.
Merchant's business policies
Razorpay
Test Mode
Only test payments can be made for this payment page.
Payment Details
Amount
₹ 10000
Email
shamgirhe2114@gmail.com
Phone
9359838195
Pay ₹ 10,000.00


SHAM GIRHE
SHAM GIRHE
Price Summary
₹5,000
Using as +91 93598 38195
Payment Options
Recommended
UPI
Cards
Netbanking
Wallet
Pay Later
UPI QR
SCAN WITH ANY APP
Recommended
UPI - BHIM
UPI - Google Pay
UPI - SBI Bank
Secured by Razorpay
Razorpay


SHAM GIRHE
SunBank Payment GateWay
₹ 1,20,333 of ₹ 1,00,000 collected
29 supporters
6 days left
Contact Us:
shamgirhe01@gmail.com
9359838195
Terms & Conditions:
You agree to share information entered on this page with SHAM GIRHE (owner of this page) and Razorpay, adhering to applicable laws.
Merchant's business policies ↗
Razorpay
₹ 5000.00
Payment Successful!
Share Your Experience
Payment ID: pay_OqR6laYlPHbB1Y
A confirmation email has been sent to you


KDAC0324-J021/Credit at main
SUNBANK
localhost:3000/customers
SunBank
Logout
ContactUs
Customers
Keyword:
Search
withdraw requests
Name
Email
Actions
jay
jay@gmail.com
Delete
Update
View Accounts
mehul
mehul@gmail.com
Delete
Update
View Accounts
tushar
tushar@gmail.com
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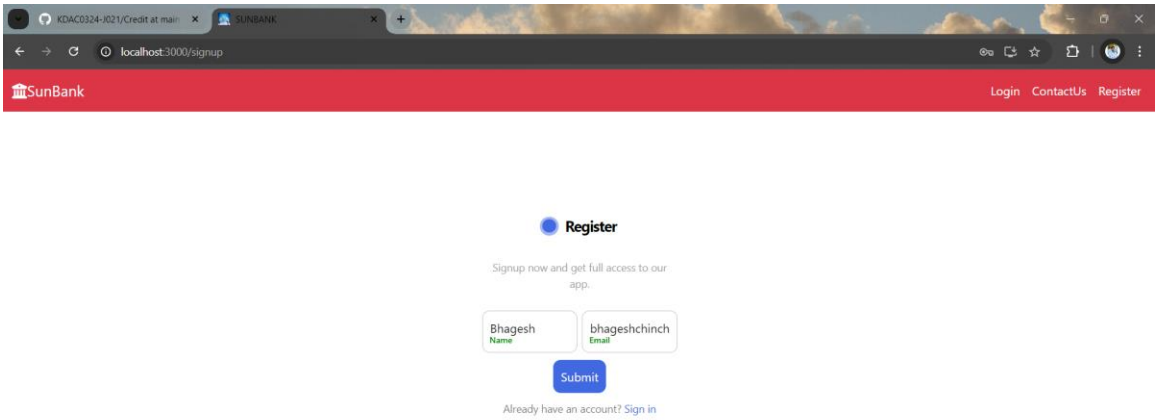
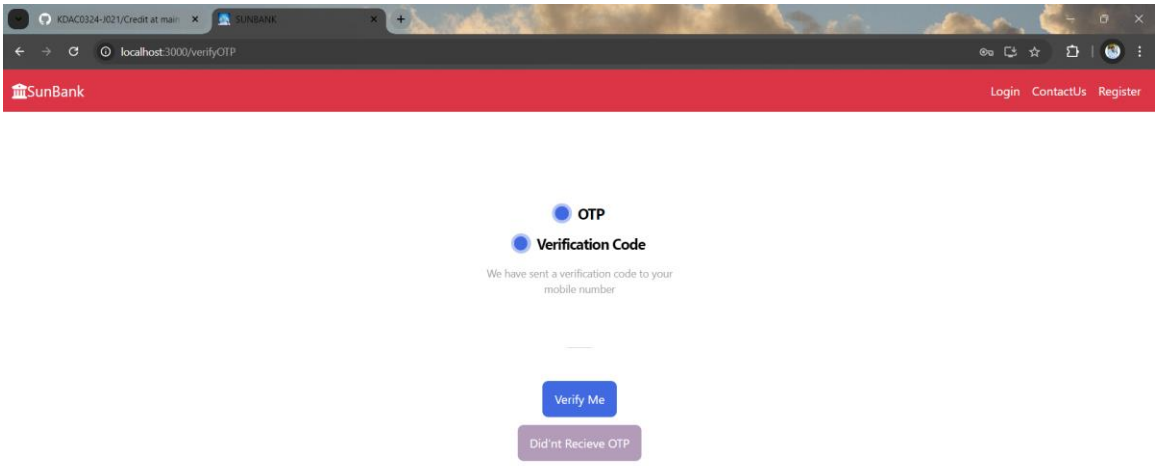
Update
View Accounts
Bhagesh
bhageshchincholi5051@gmail.com
Delete
Update
View Accounts


KDAC0324-J021/Credit at main
SUNBANK
localhost:3000/signup
SunBank
Login
ContactUs
Register
Register
Signup now and get full access to our app.
Bhagesh
Name
bhageshchinch
Email
Submit
Already have an account? Sign in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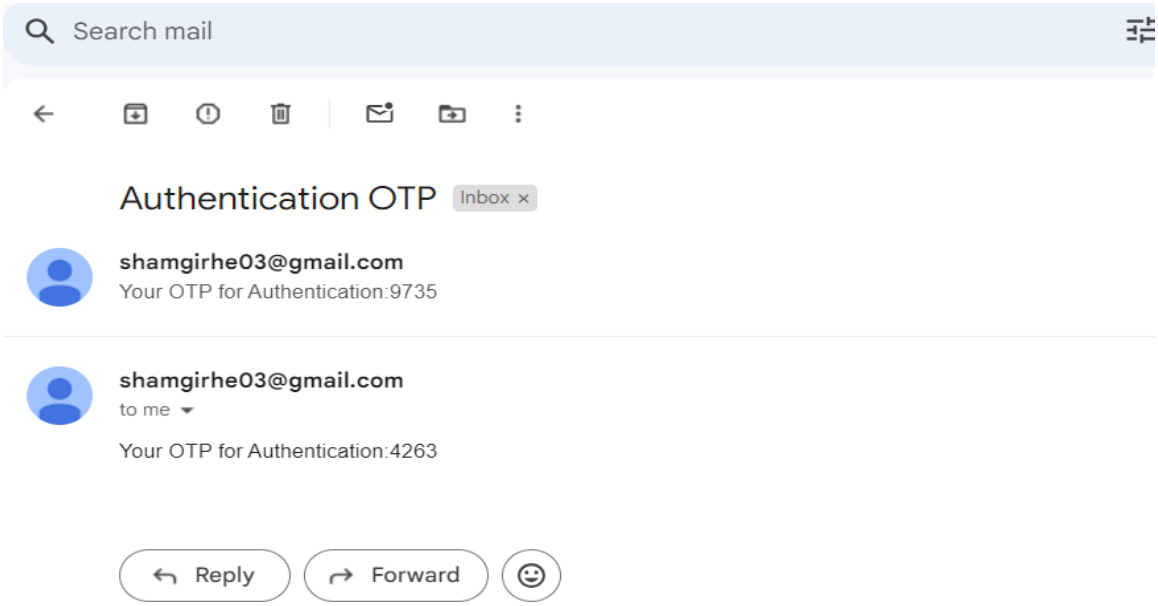
SunBank
Login
ContactUs
Register
OTP
Verification Code
We have sent a verification code to your mobile number
Verify Me
Did'nt Recieve OTP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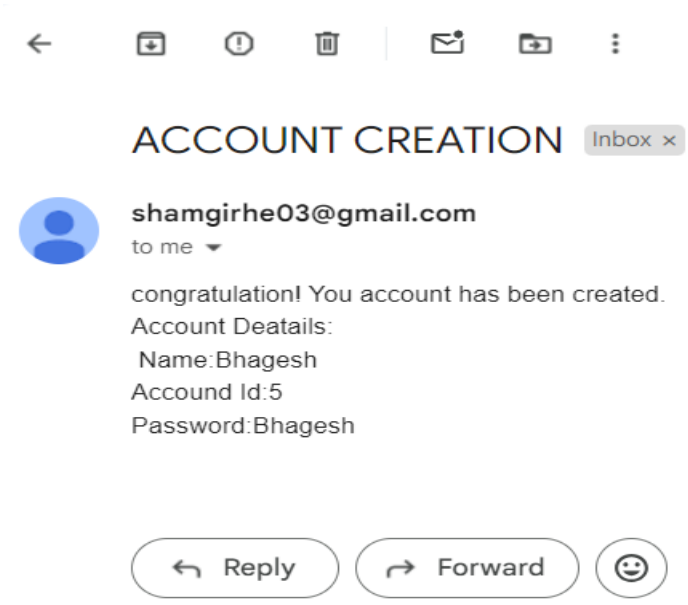
Authentication OTP
Inbox ×
shamgirhe03@gmail.com
Your OTP for Authentication:9735
shamgirhe03@gmail.com
to me
Your OTP for Authentication:4263
Reply
Forward

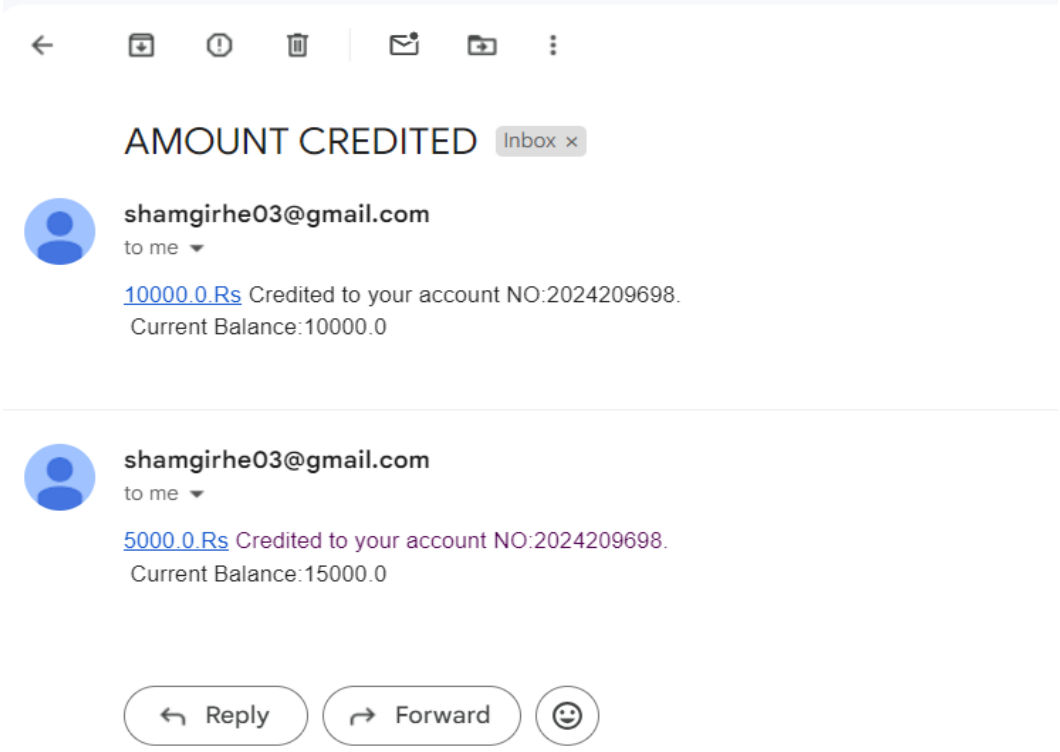


ACCOUNT CREATION Inbox ×

**shamgirhe03@gmail.com**
to me

congratulation! You account has been created.
Account Deatails:
Name:Bhagesh
Accound Id:5
Password:Bhagesh

Reply Forward



AMOUNT CREDITED Inbox ×

**shamgirhe03@gmail.com**
to me

10000.0.Rs Credited to your account NO:2024209698.
Current Balance:10000.0

**shamgirhe03@gmail.com**
to me

5000.0.Rs Credited to your account NO:2024209698.
Current Balance:15000.0

Reply Forward

# SUNBANK

Sunbeam, Karad-413511

Customer Name: Bhagesh Chincholi  Account Number: 2024123885

Current Balance: 4000.0

## STATEMENT OF ACCOUNT

| Transaction ID | Date | Transaction Type | Amount |
|---|---|---|---|
| 1 | 2024-08-14 01:23:10.0 | CREDIT | 10000.0 |
| 2 | 2024-08-14 01:24:02.0 | DEBIT | 5000.0 |
| 3 | 2024-08-14 01:24:33.0 | DEBIT | 1000.0 |

# FUTURE SCOPE

Cross-Border Payments: The scope of digital payment wallets can expand to facilitate seamless cross-border payments.IoT and Wearables Integration: With the rise of Internet of Things (IoT) devices and wearable technology, payment wallets could extend their functionality to allow for convenient and secure payments through these devices.Contactless and NFC Payments: As contactless payments gain popularity, payment wallet systems could expand their support for near-field communication (NFC) technology. This enables users to make payments simply by tapping their smartphones or cards on compatible terminals.Personal Finance Management: Future payment wallet systems could evolve into comprehensive personal finance management platforms, providing users with insights into their spending patterns, budgeting tools, and investment recommendations.

# CONCLUSION

The "SunBank" digital wallet payment service project has been brought to a successful culmination, fulfilling its intended objectives and purposes. The endeavor to create a secure, efficient, and user centric digital wallet ecosystem has been achieved with diligence, resulting in a system that empowers users and facilitates seamless financial interactions.

Throughout the course of this project, significant strides have been made in the domain of modern digital finance. The project's success is attributed to its error-free development, efficiency, and timesaving capabilities. The core aim of developing a digital wallet service to streamline financial activities and online transactions has been realized effectively.

The project's implementation journey was both educational and enlightening. The utilization of cutting-edge technologies like React.js, responsive templates, REST APIs, and MySQL database management enriched our practical knowledge. The development process further deepened our understanding of software development life cycles and project management phases. Rigorous testing methodologies were employed to ensure the system's robustness and reliability.

In the context of future prospects, the "SunBank" digital wallet payment service holds immense potential for expansion and enhancement. Possibilities for integrating features such as detailed product descriptions, user feedback mechanisms, and online payment methods exist. As the digital finance landscape evolves, the "SunBank" project is well-positioned to adapt and grow, contributing to the continued evolution of online financial platforms.

In conclusion, the completion of the "SunBank" digital wallet payment service project signifies a successful endeavor in crafting an application that redefines how financial transactions are conducted. This project not only serves as an achievement in itself but also sets the stage for ongoing innovation and refinement in the realm of digital wallet solutions.

# REFERENCES

[1] Mc Graw Hill's, Java: The complete reference 7thEdition, HerbertScheldt

[2] https://www.geeksforgeeks.org/web-development-projects/

## ONLINE REFERENCE

[1] www.Google.com

[2] www.w3school.com

[3] www.javatpoint.com