

## 5.ICIN BANK

### Write –Up

Step – 1: Open Visual Studio for creation of frontend application

Step – 2: Create database in MySQL

Step – 3: Open eclipse, create a SpringBoot framework which consist of all the backend logic

Step – 4: Write a logic for Registration, Login, Account transaction, Transfers, Saving Details, Profile Settings and Requesting Cheque Book and connect with your application and upload everything in GitHub.

Step - 5: Open Amazon EC2 Instance, install the Jenkins, docker and GitHub using SSH Client in the local virtual machine

Step – 6: Create an object driver for ChromeDriver and Test the Web Application using Selenium

Step – 7: Open Jenkins at localhost:8080, login and configure the job to be done.

Step – 8: Open GitHub Repository in the same EC2 Instance and configure it.

Step – 9: Build the job in the Jenkins and check the console output

Step – 10: Run the program in the server localhost.

#### **Admin Portal:**

It deals with all the back-end data generation and product information. The admin user should be able to:

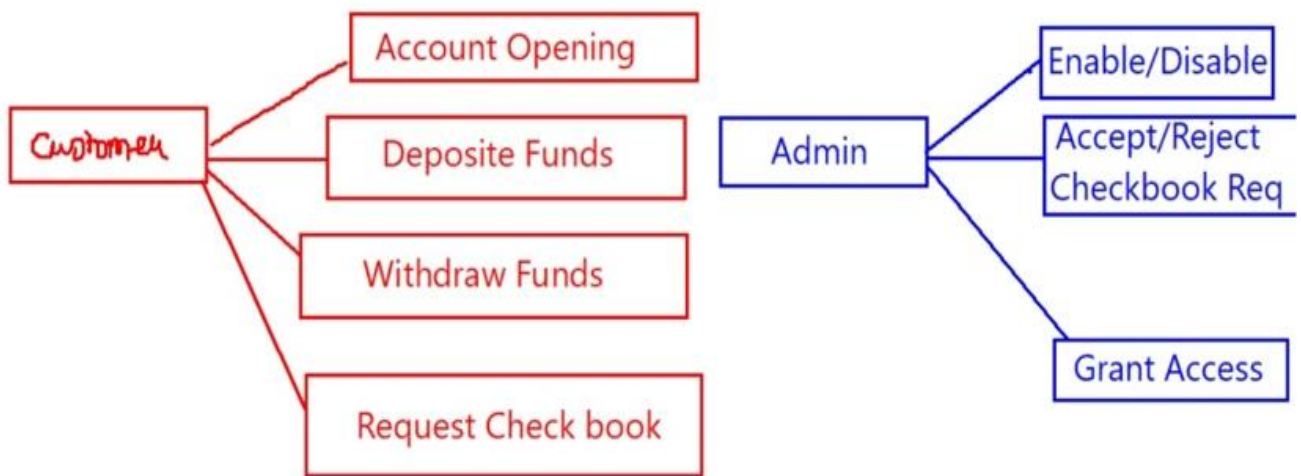
- Authorize the roles and guidelines for the user
- Grant access to the user regarding money transfer, deposits, and withdrawal
- Block the user account in case of any threat
- Authorize the cheque book requests

#### **User Portal:**

It deals with the user activities. The user should be able to:

- Register or log in to the application to maintain a record of activities
- Deposit and withdraw money from the account
- View transactions and balance in the primary and savings account
- Transfer funds between different accounts and add recipients
- Request cheque books for different accounts

## Features



Banking System

## Admin Portal Features

Below are the key functionalities to be implemented in the admin portal. The admin should be able to:

Authorize the roles and guidelines for the user



Administrator



Grant access to the user regarding money transfer, deposits, and withdrawal



Block a user account in case of any threat and authorize cheque book requests

## User Portal Features

Below are the key functionalities to be implemented in the user portal. The end user should be able to:

