Capstone Project – ICIN Bank

GitHub Repository

I have pushed my code and associated documentation to the following GitHub repository:

https://github.com/Thiru97/Capstone-ICIN.git

Project Description

Create a dynamic and responsive Java online banking web application to deposit, withdraw, and transfer the money between the accounts.

Problem Statement

ICIN is one of the top banking firms that accepts deposits from the public for the purpose of lending loans to the public. It also invests an amount in securities. Recently, the business analysts noticed a drop in the number of customers of the bank. They found out that online banking systems of banks like AXIS and American Express are gaining more profits by eliminating middlemen from the equation.

As a result, the team decided to hire a Full Stack developer who can develop an online banking web application with a rich and user-friendly interface. You are hired as one of the Full Stack Java developers and have been asked to develop the web application. The management team has provided you the requirements and their business model so that you can easily arrange different components of the application.

Features of the application

1. Registration
2. Login
3. Account transactions
4. Transfers
5. Savings details
6. Profile settings
7. Requesting cheque books

Technologies used

1. Database management: MySQL
2. Back-end logic: Java programming, SpringBoot framework
3. Front-end development: Angular 2, HTML/CSS,
4. Automation and testing technologies: Selenium and JUnit
5. DevOps and production technologies: Git, GitHub, Jenkins, Docker, and AWS