

Project Abstract – FullStack – 6hrs

Loan Management System

As we know, the requirement for taking loans has increased tremendously in the last few years, whether it is an education loan, home loan, car loan, and etc. We want to have a system that could automate this activity at the same time it should be secured. From a loan provider's point of view, there should be a system that should be easy to handle with no technical difficulties.

This application is design and develop to support Multi-User. It has a single login for every role. Admin here has the responsibility of approving and rejecting customers, field officers, loan requests, assigning Background verification, and so on. Another user is the customer whose responsibility is to request a loan, apply for a loan, and etc.

At last, we have the role of Field Officer who will accept or reject the loan request of a customer. This application will not only help the customers but also the loan officers as well as the Admin and everyone can have a common medium to be connected.

The following are the major objective of this application:

1. **To provide a bug-free application to the officers as well as the user(customer).**
2. **The main objective is to build a secured, robust Loan Management system.**
3. **It maintains the record of users, officers, loans efficiently so that it would be easy to access at any time 24*7.**

Modules and Functionalities as per user roles

There are three main users of this application one is the Admin, the other is the Customer and the last one is the Loan officers/Field officers.

1) Admin

- Admin can APPROVE/REJECT/VIEW Customer.
- Admin can APPROVE/REJECT/VIEW Loan officers.
- Admin can Assign a Loan officer for background verification.
- Admin can VIEW Loan requests.
- Admin can VIEW/UPDATE/DELETE List of background verification.
- Admin can assign Loan officer for Loan verification.
- Admin can VIEW/UPDATE/DELETE List of loan verification.
- Admin can VIEW/UPDATE the Help report.
- Admin can ADD/VIEW/UPDATE feedback questions.
- Admin can VIEW customer feedback.

2) Customer

- Customers can apply for a Loan.
- Customers can VIEW the loan request list.
- Customers can VIEW the Help section.
- Customers can ADD feedback.

3) Loan officers/Field officers

- Both can view the Loan request assign to it.
- Both can Update Loan Verification detail.
- Both can VIEW the help report.

Note: The login, registration, profile section, and change password are common to all the users in the system.

Tools and Technologies

Front-End: Angular – HTML5, CSS3, JS, TS, Bootstrap

Server-side: Spring Boot REST API

Back-end: SQL Server, Hibernate.

Server: Tomcat 8.5.

Version Control and Team Collaboration: GitHub