MAVERICK BANK

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About Maverick Bank

- The Maverick Bank is a Banking and Financial System is a comprehensive application designed to manage the financial transactions and accounts of customers in a banking. This system caters to both individual and business customers, offering services such as account management, funds transfer, loans, investments, and financial reporting.

- The system includes role-based dashboards for customers, bank employees, and administrators.

Key Features

- JWT-based login & authentication

- Role-based dashboards: Customer, Bank Employee, Administrator

- Customer registration and profile update.

- Profile view and update for customers.

- Open new bank account (select type, branch, balance).

- View all customer accounts with delete option (for employees).

- Transaction listing by account number.

- Loan application with status: PENDING / APPROVED / REJECTED

- Loan review & status update by bank employee.

- Form validations using Angular template-driven forms and reactive forms.

- Routing

- Responsive UI using Bootstrap and Flexbox.

- Component-based structure for easy maintenance.
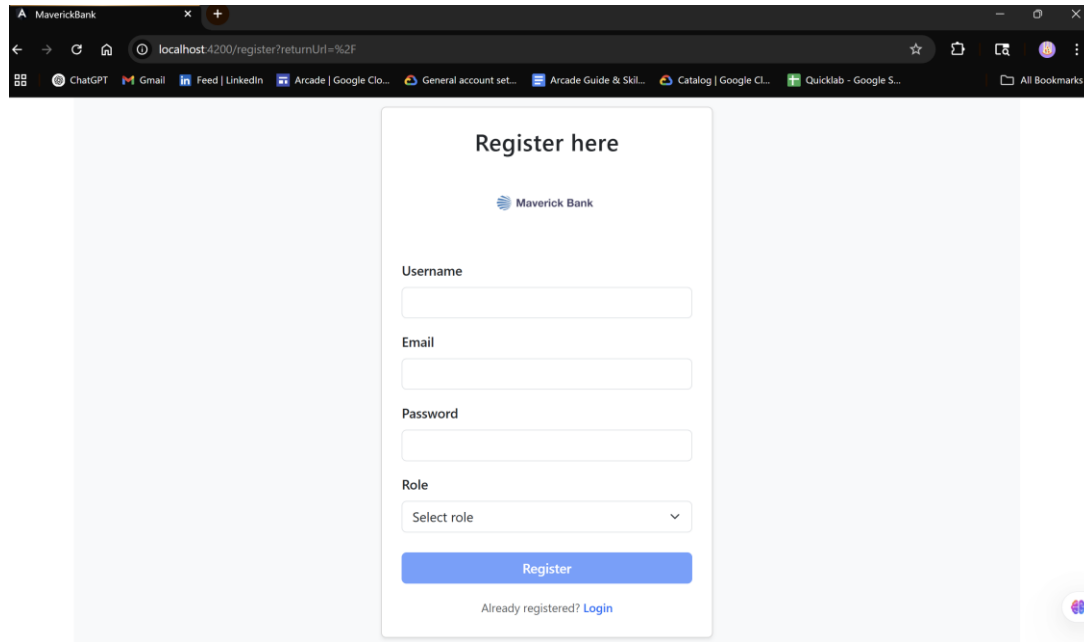
USE CASE DIAGRAM:
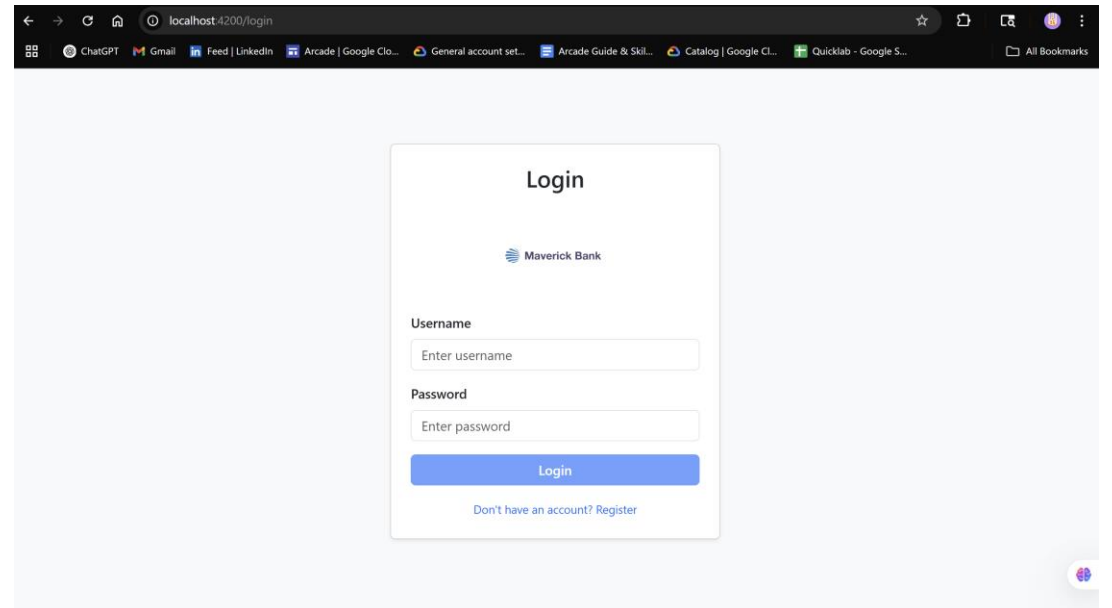
SCREENSHOTS

REGISTRATION PAGE:

LOGIN PAGE:

SCREENSHOTS

CUSTOMER DASHBOARD PAGE:
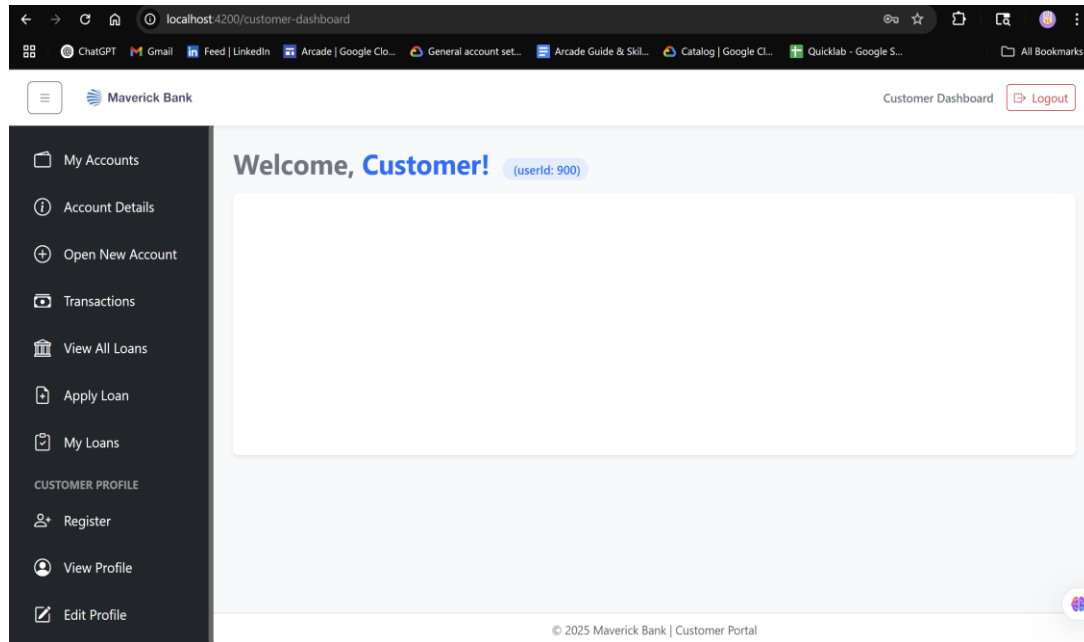
EMPLOYEE DASHBOARD PAGE:
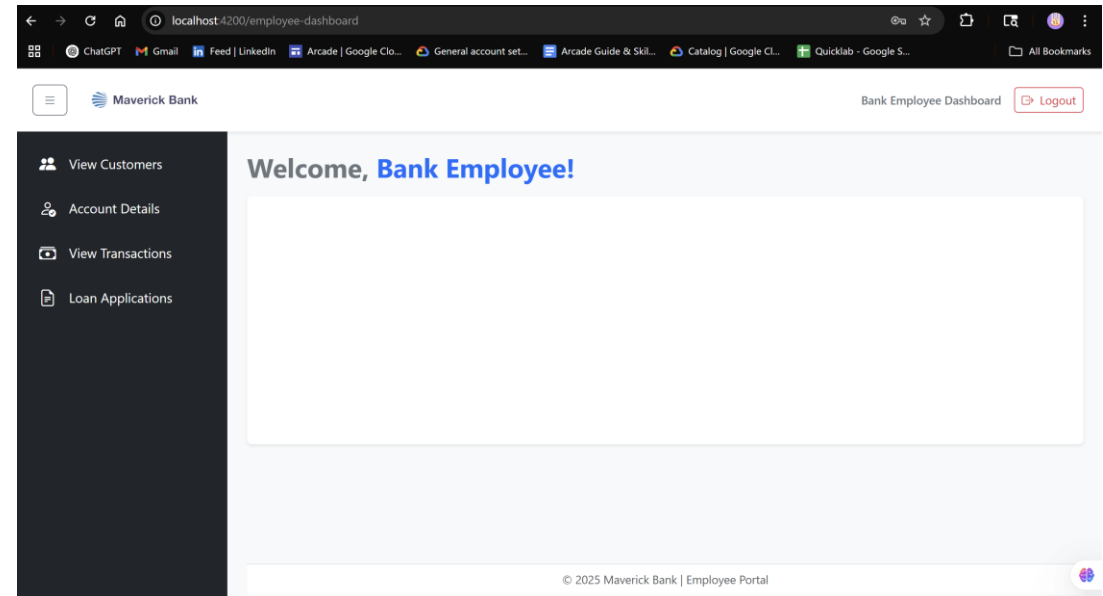
SCREENSHOTS

ADMIN DASHBOARD PAGE:

Technologies Used

- **Frontend:** Angular, Bootstrap

- **Backend:** Spring Boot, Spring Security, JWT

- **Database:** MySQL

- **Tools:** Docker Desktop, Swagger, Postman, Git, GitHub, VS Code, STS

Conclusion

- Maverick Bank demonstrates full-stack development skills using modern frameworks and practices.

- It is designed to be scalable, secure, and modular, making it suitable for real-world banking workflows.

Thank you

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https://github.com/Sruthi-Ram/Maverick_Bank_Project