



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.

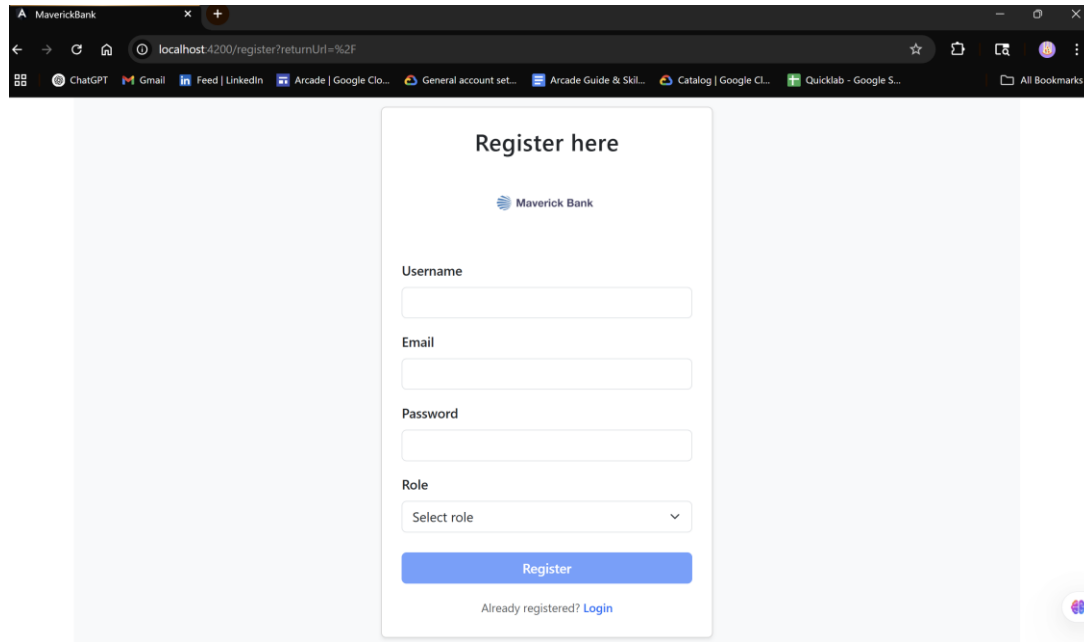


USE CASE DIAGRAM:



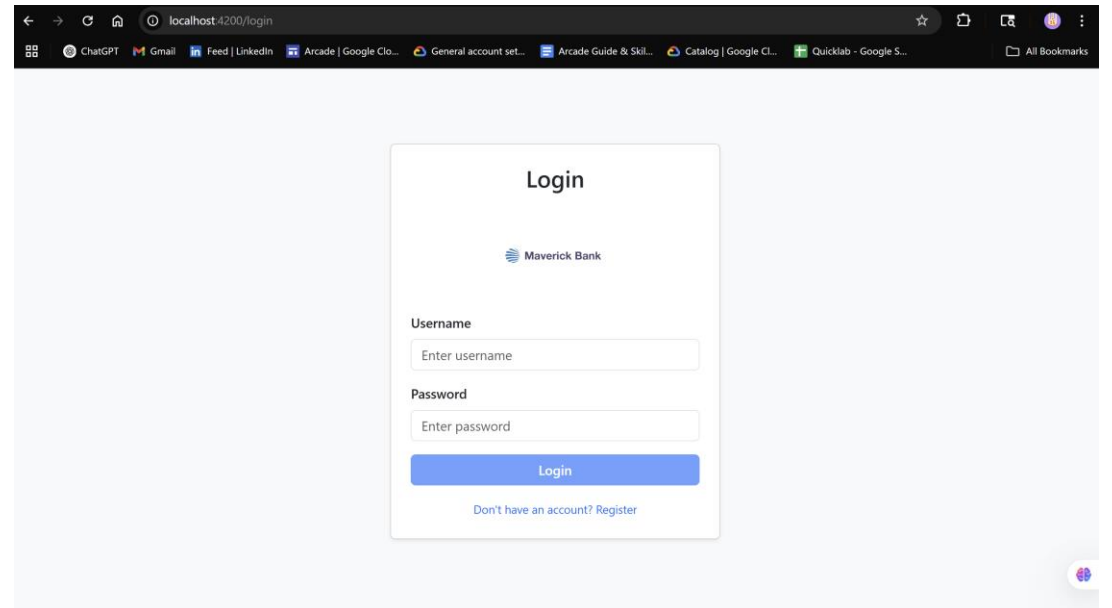
SCREENSHOTS

REGISTRATION PAGE:



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/register?returnUrl=%2F'. The page features a 'Register here' heading and the 'Maverick Bank' logo. Below the logo, there are four input fields: 'Username', 'Email', 'Password', and 'Role'. The 'Role' field is a dropdown menu with 'Select role' as the current selection. A blue 'Register' button is positioned below the input fields. At the bottom of the form, there is a link that says 'Already registered? Login'.

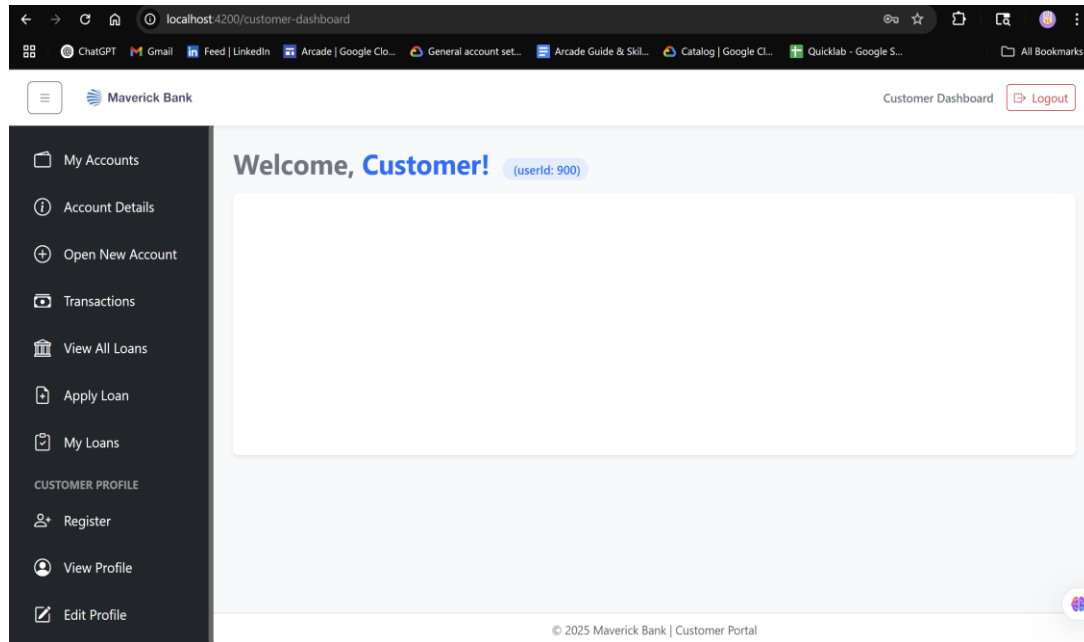
LOGIN PAGE:



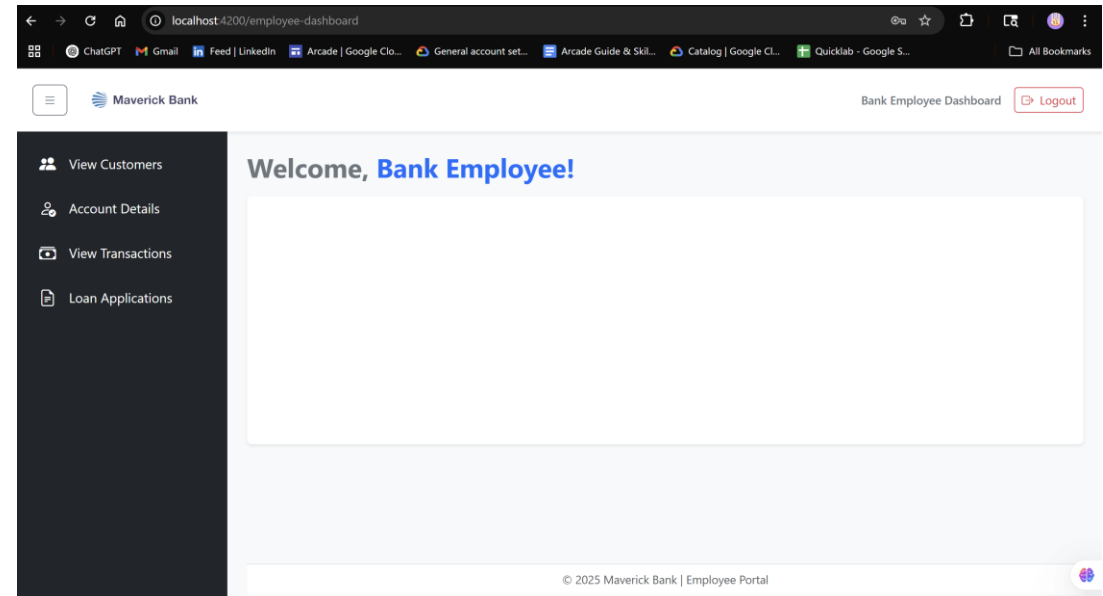
The screenshot shows a web browser window with the address bar displaying 'localhost:4200/login'. The page features a 'Login' heading and the 'Maverick Bank' logo. Below the logo, there are two input fields: 'Username' and 'Password'. The 'Username' field has a placeholder text 'Enter username' and the 'Password' field has a placeholder text 'Enter password'. A blue 'Login' button is positioned below the input fields. At the bottom of the form, there is a link that says 'Don't have an account? Register'.

SCREENSHOTS

CUSTOMER DASHBOARD PAGE:













EMPLOYEE DASHBOARD PAGE:



SCREENSHOTS

ADMIN DASHBOARD PAGE:

The screenshot shows a web browser at localhost:4200/admin-dashboard/manage-users. The page is titled 'Administrator Dashboard' with a 'Logout' button. A sidebar on the left contains 'Dashboard Home' and 'Manage Users' (highlighted in blue). The main content area says 'Welcome, Admin!' and 'User Management' with the subtitle 'Add, edit, and manage users'. It features a blue 'Add New User' button and a search bar labeled 'Search by User ID...'. Below is a table with 5 rows of user data.

User ID	Username	Email	Role ID	Actions
900	Sruthi R	sruthimaha242004@gmail.com	1	 
901	Subiksha	subiksha2012@gmail.com	2	 
902	Deepak	mdeepak4565@gmail.com	3	 
908	Rosy	rosy2012@gmail.com	1	 
910	Ramesh N	ramesh30@gmail.com	1	 

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

SRUTHI RAMESH

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