Banking Management System

Requirements:

1. Customer Registration and Management:

- Create a form to register new customers.
- Fields: First Name, Last Name, Email, Password, Confirm Password, Date of Birth, Address, Phone Number, Social Security Number (SSN), and Occupation.
- The form should validate all fields and provide real-time validation feedback.

2. Account Management:

- Create different types of accounts such as Savings, Checking, and Fixed Deposit.
- Fields: Account Type, Account Number, Customer ID, Balance, Interest Rate, and Opening Date.

3. Transaction Management:

- Enable customers to perform various transactions such as deposits, withdrawals, and transfers.
- Fields: Transaction ID, Account Number, Transaction Type (Deposit, Withdrawal,
- Transfer), Amount, Date, and Description.
- Implement real-time balance update and transaction history tracking.

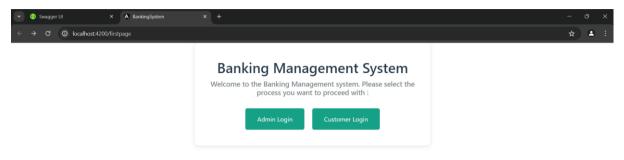
4. Customer Support:

- Implement a customer support system to handle queries and complaints.
- Fields: Customer ID, Query/Complaint.
- Allow customers to submit queries.

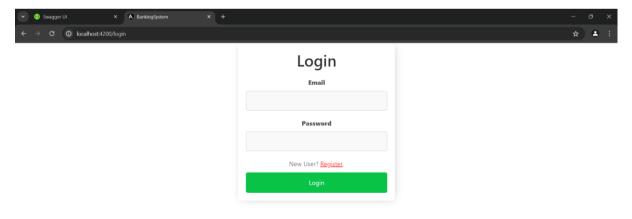
5. Feedback:

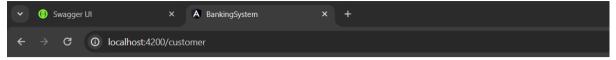
- Implement a customer support system to know their feedback.
- Fields: Customer ID, Comments, Rating, Date.
- Allow customers to submit feedback and rate their banking experience.

My project Banking Management System starting with a first page that has two buttons: one for Admin login and another for Customer login. When the customer login button is clicked, it redirects to the customer login page where the login details need to be entered. Similarly, clicking the admin login button redirects to the admin login page for admin credentials.



When I click on the customer login button, the following picture will be displayed. If you are new to this page, you need to register, otherwise, you can log in.



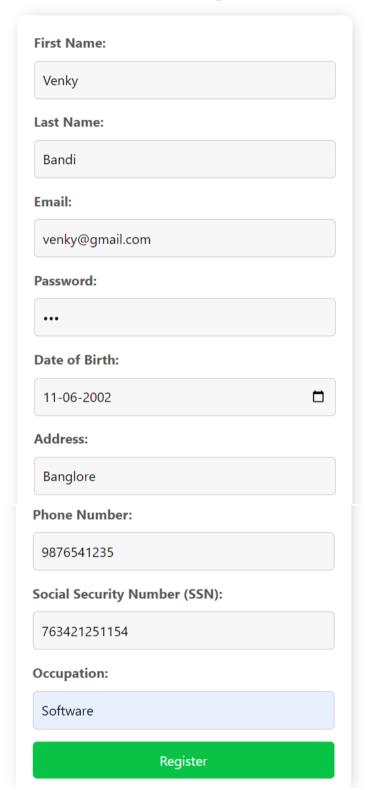


Customer Registration

First Name:	
Last Name:	
Email:	
Password:	
Date of Birth:	
dd-mm-yyyy	
Address:	
Phone Number:	
Social Security Number (SSN):	
Occupation:	
, Register	

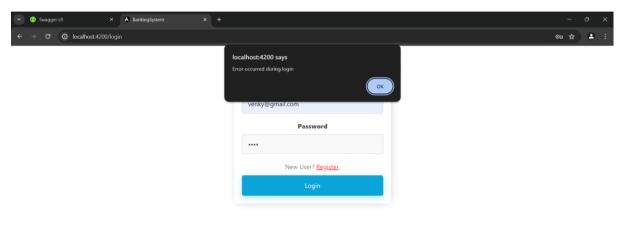
If I don't fill in all the details in the input fields, it doesn't allow me to click the register button. Once I fill in all the details correctly, the register button will be activated.

Customer Registration

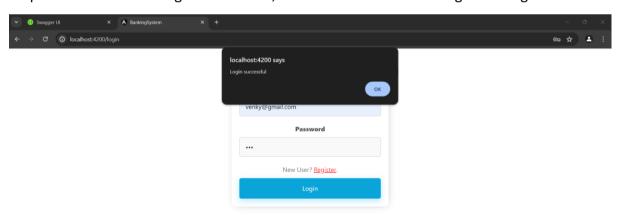


After, it will again redirect back to the login page.

If incorrect password is given or If I try to log in with an account that is not in the database or not registered before, it will show an error. Only registered accounts will be allowed to log in.



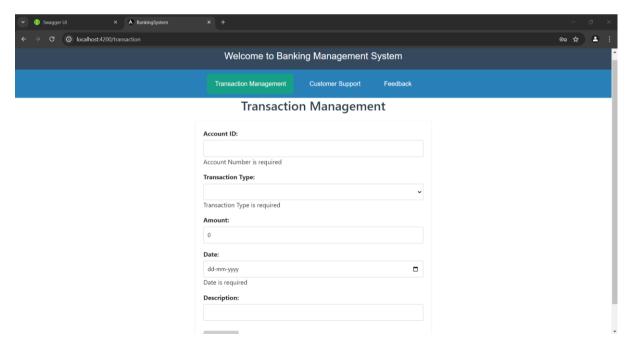
If I provide the correct login credentials, it will show a successful login message.

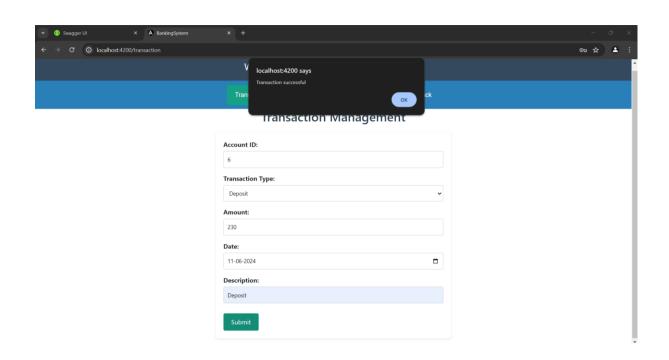


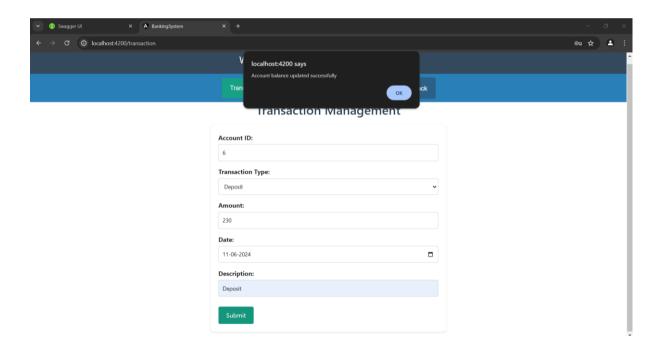
After a successful login, it will take us to the index page where we will have three options: one for Transaction Management and other for Customer support and Feedback.



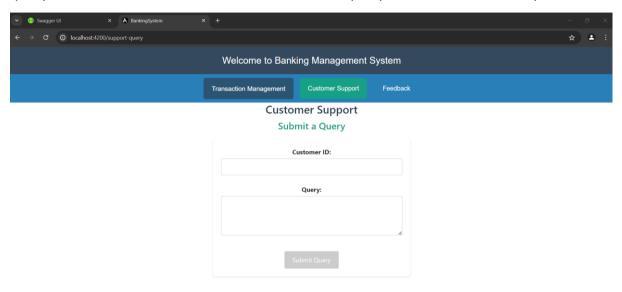
When I click on Transaction Management it will show us transaction form where we can do transactions for an already existing account created by an admin in the database. Here, we can perform transactions like withdrawal, deposit and transfer where it will credit or debit balance amount in the customer account.

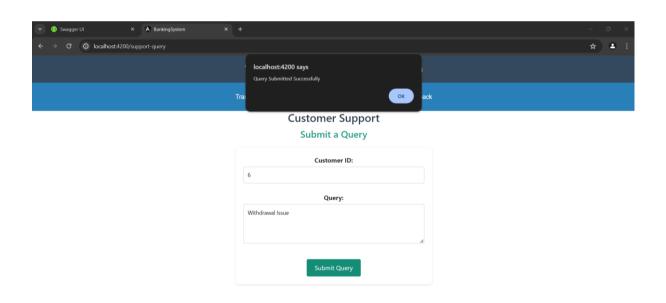




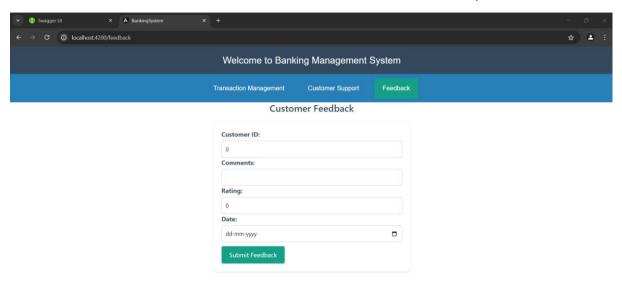


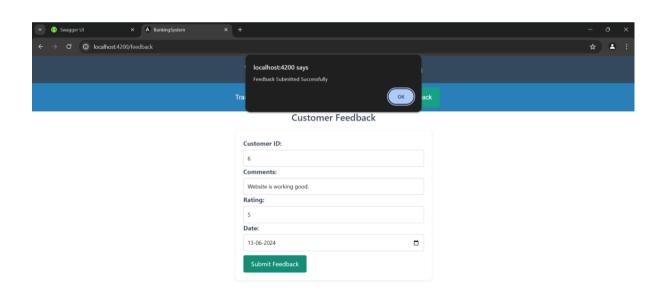
After, when we click on Customer Support it will show us Customer Support Form to submit any queries/problems and if we enter wrong details of a customer it will not submit our query. If we enter all correct details then it shows query submitted successfully.



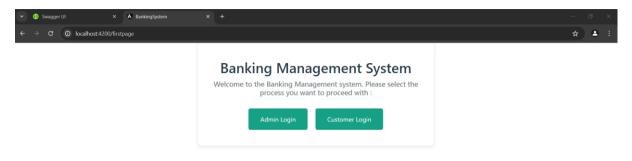


After, when we click on Feedback it will show us Feedback Form to submit customer feedback and if we enter wrong details of a customer it will not submit the feedback. If we enter all correct details then it shows Feedback submitted successfully.

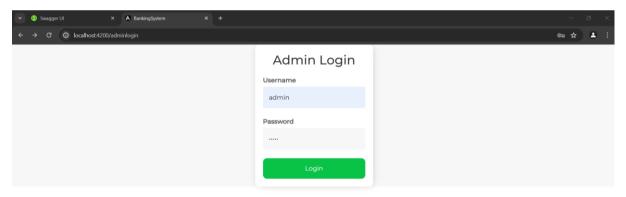




Now go to the first page for Admin part.



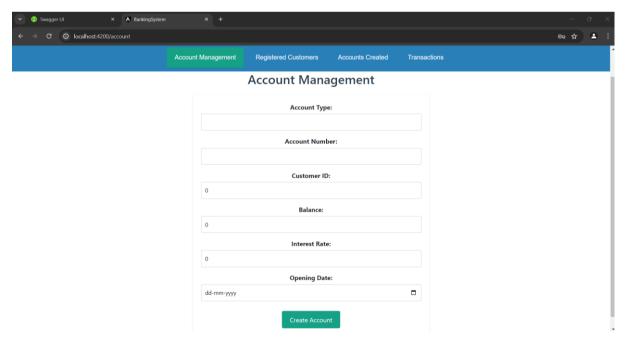
For the admin login, the username and password are hardcoded as "admin" and the password is also "admin."

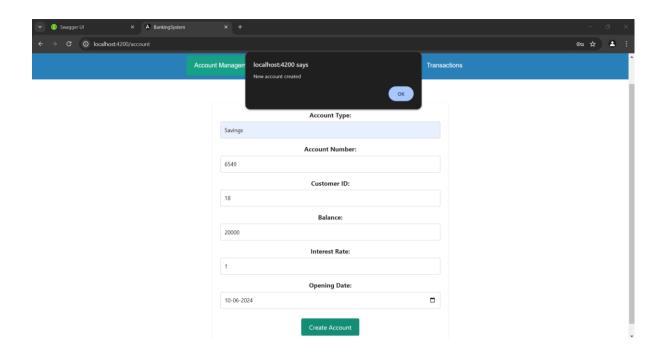


After a successful login, it will take us to the home page where we will have four options: one for Account Management and others for viewing Registered customers, Accounts Created and Transactions.

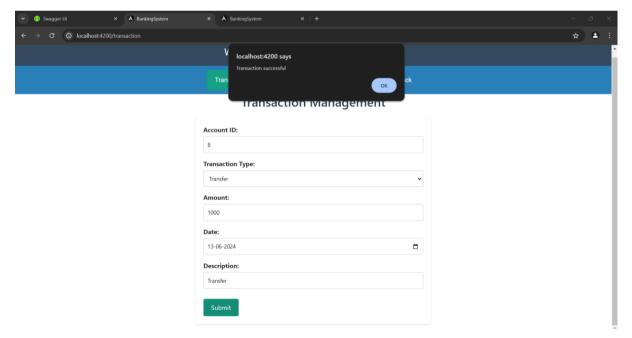


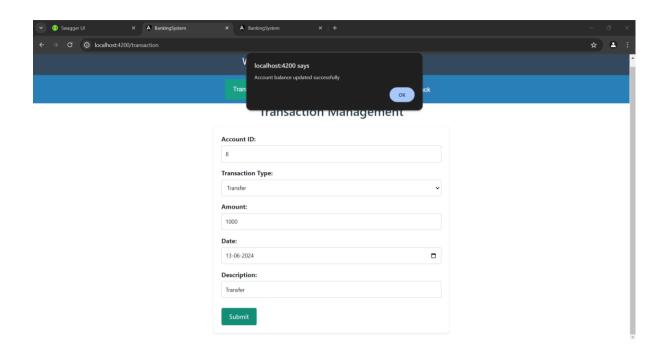
When we click on Account Management it shows us a form for creating accounts. Admin will create the accounts for an existing customers only for doing transactions. Customer can only perform transactions with existing accounts present in database. After doing transactions the amount will be credited or debited from the account and updates the account balance.



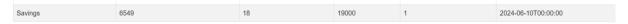


Now customer can perform transactions for the above created account using Account ID.

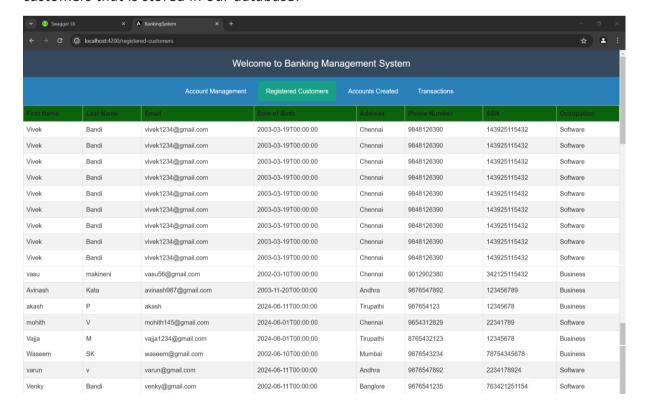




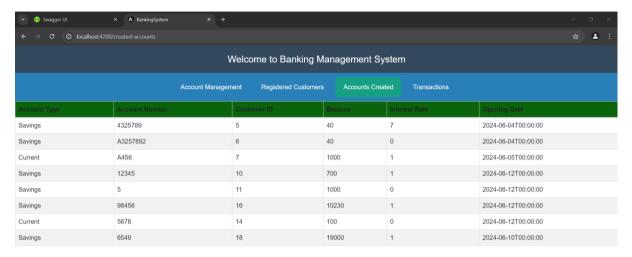
Now the balance in the account will be automatically updated. Initially the account balance is 20000 after transferring 1000 the account has 19000.



In Admin Part, when we click Registered Customers it shows all the existing registered customers that is stored in our database.



When we click on Accounts Created it shows us all the accounts that are created for an existing customer.



When we click on Transactions it shows all the transactions that are done by an existing customer.

