



BANKING SOFTWARE

Group 7



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Project Description

Our project is based on a Banking Application where a user can create an account and log in through the same credentials. Once he user logs in, he/she can view their cards or add a card if they wish to.

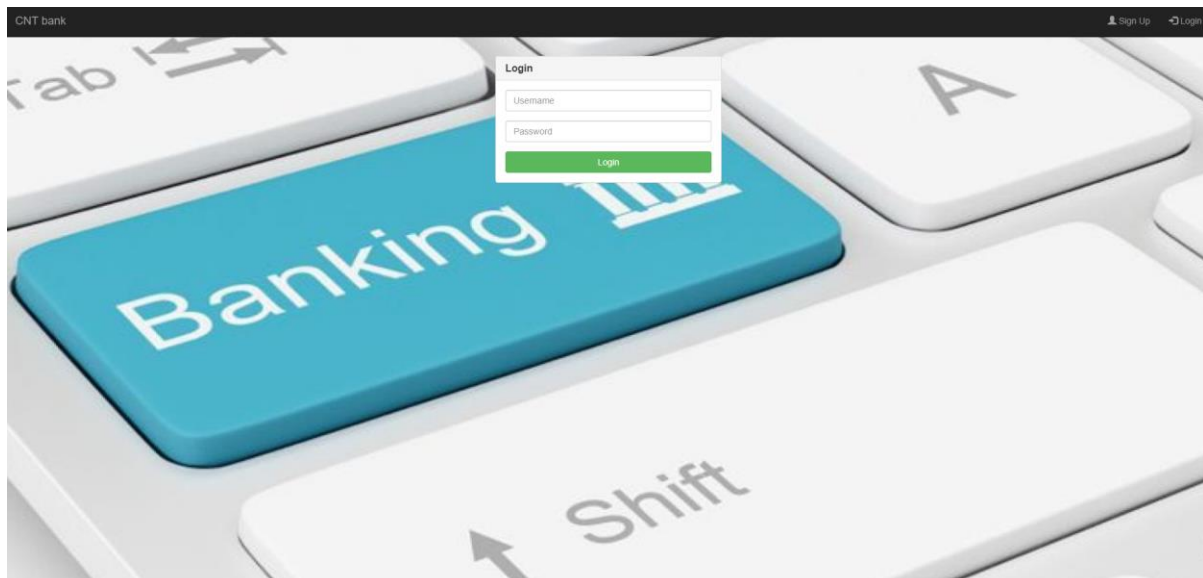
The common functionalities we used in our project are:

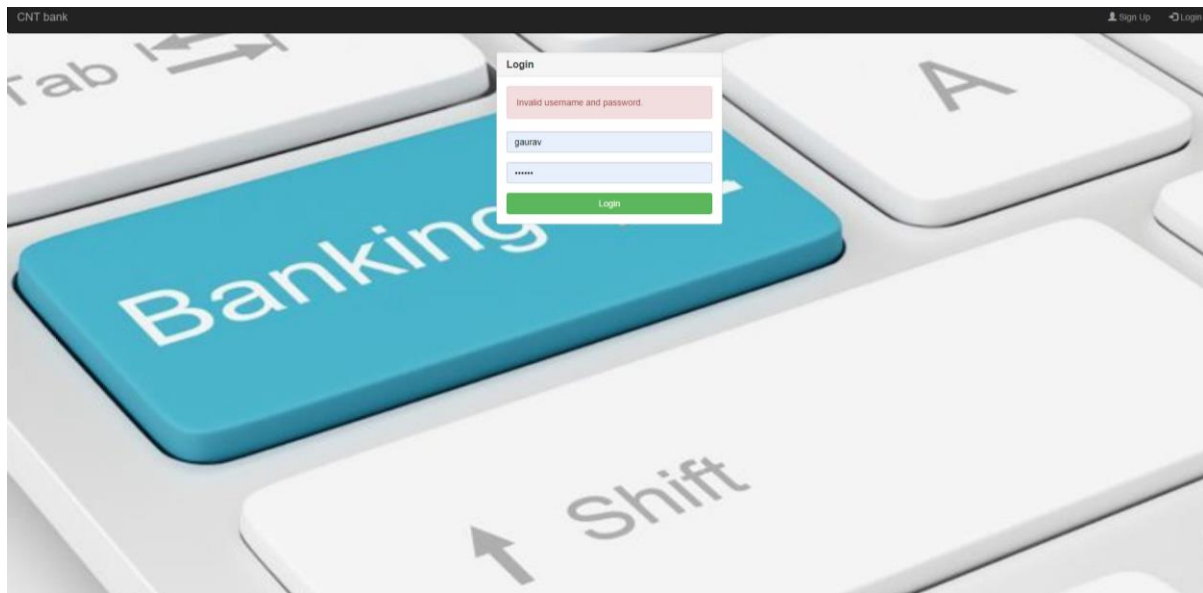
- Register a User
- Login
- View the cards
- Add a new Card
- View transactions made through every card
- Make a new Transaction
- View the report for all transactions
- Logout

Working of Software

First Screen – Login

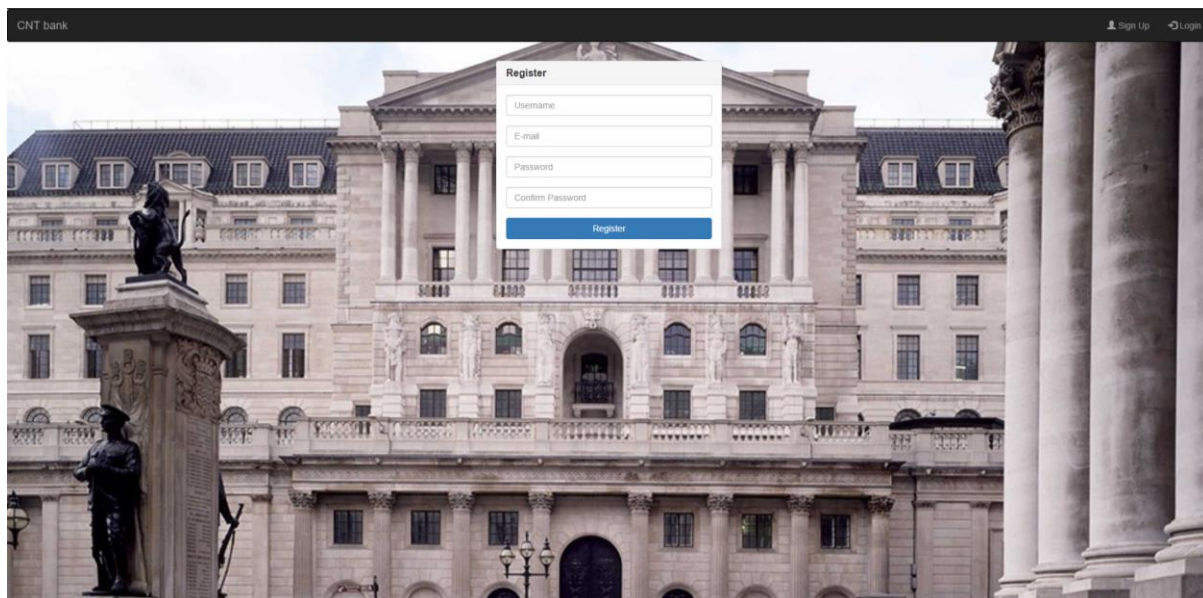
A user can login through their username and password. If the user enters wrong details, be it the username or password, an error message will pop up and the user will not be able to log in.

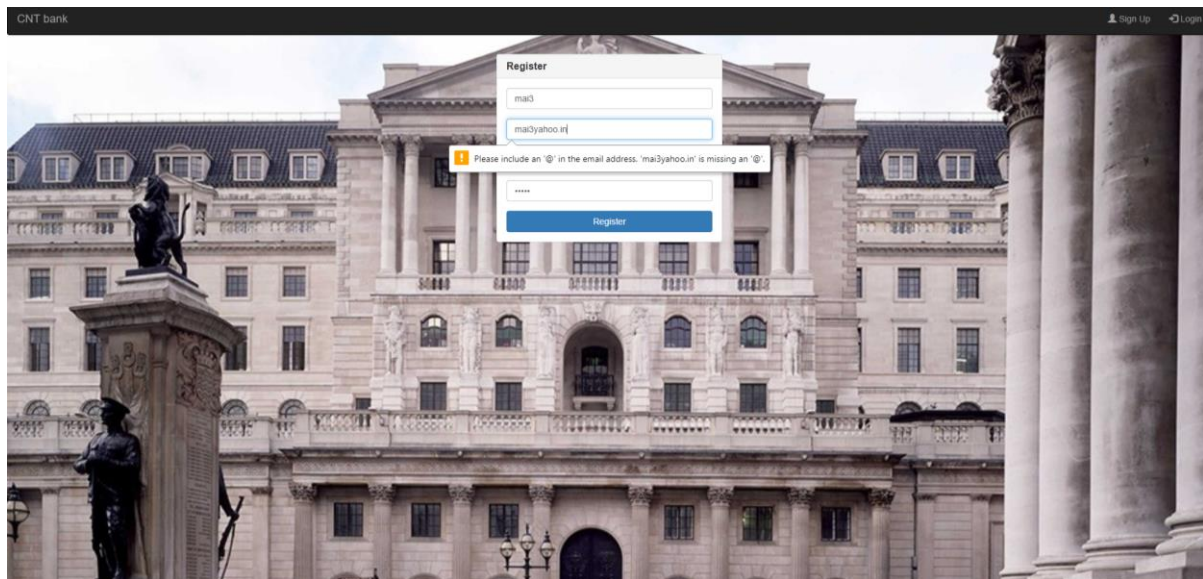




Second Screen – Register

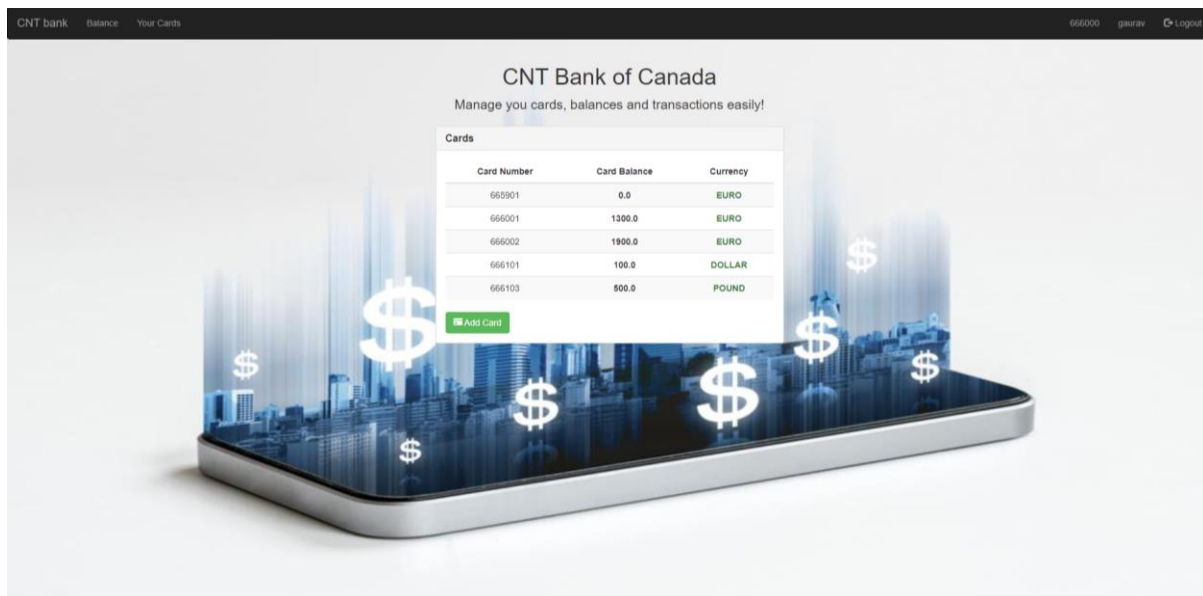
A user can create an account in the software by clicking on Sign up on the top right of the navigation bar. Once clicked, the user will be taken to the register screen. If the user enters any wrong details, then an error message will pop up. After filling up the details, the user needs to login with the same credentials.

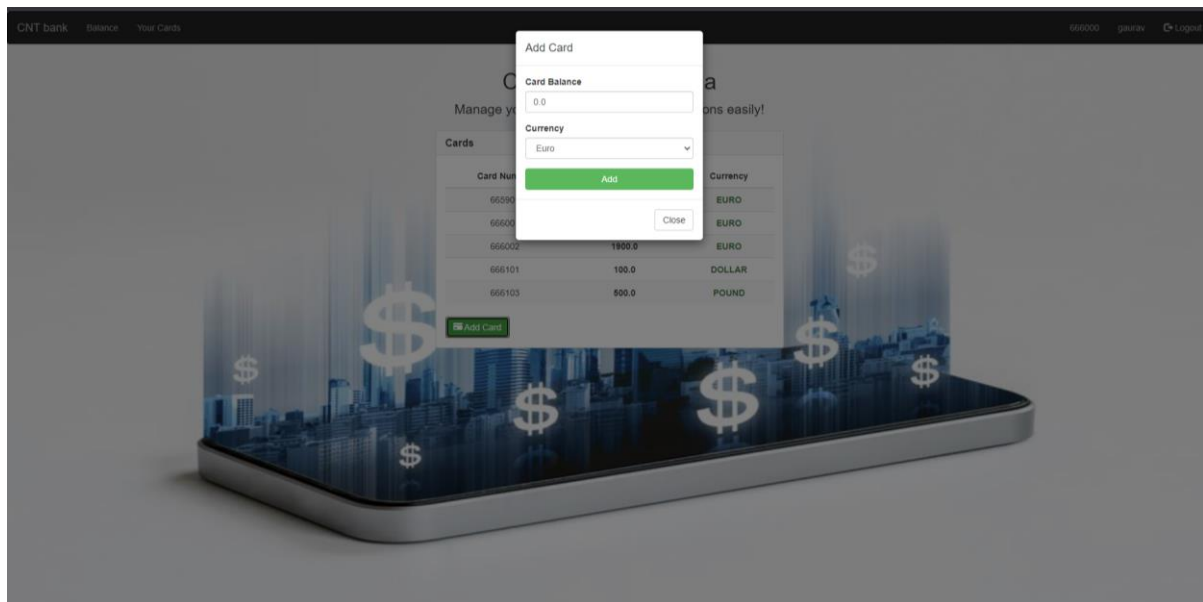




Third Screen – Balance

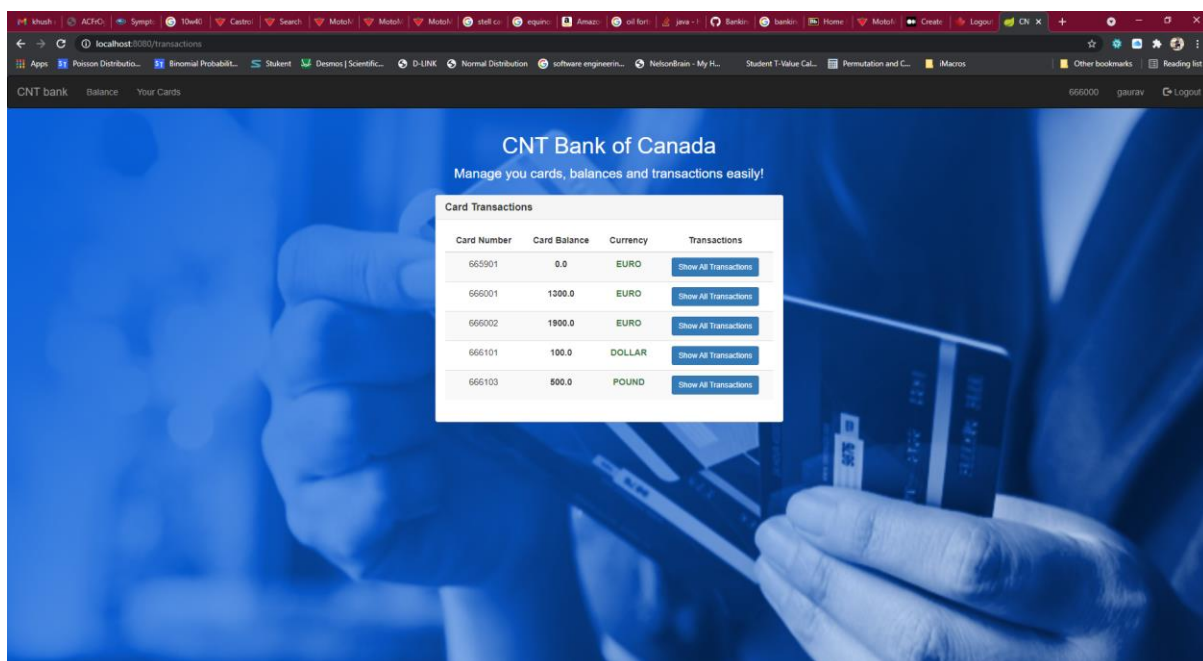
After logging in, the user is sent to this screen. It shows all the cards the user has and the card balance for all the cards. A user can add a card by clicking on the Add Card button and fill up the details for the same.





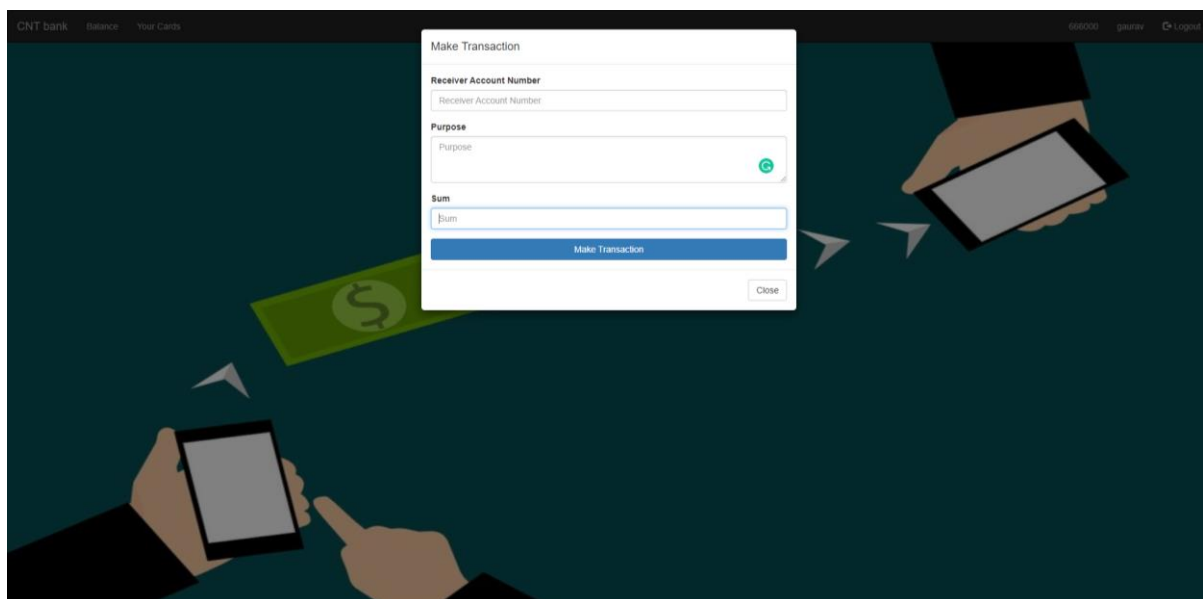
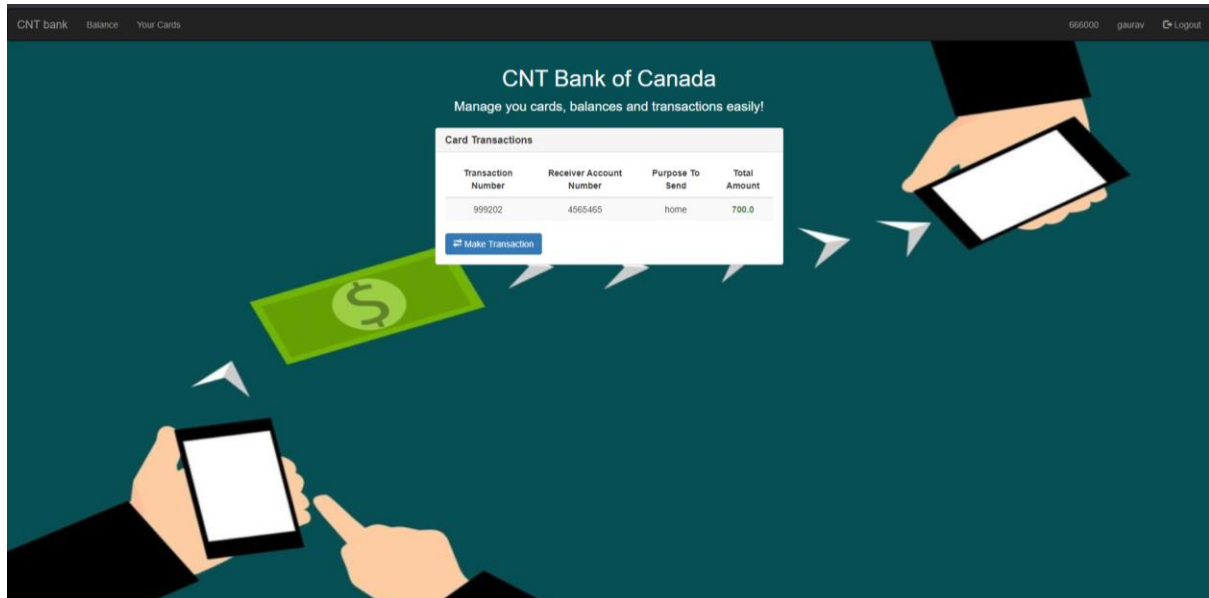
Fourth Screen – Transaction

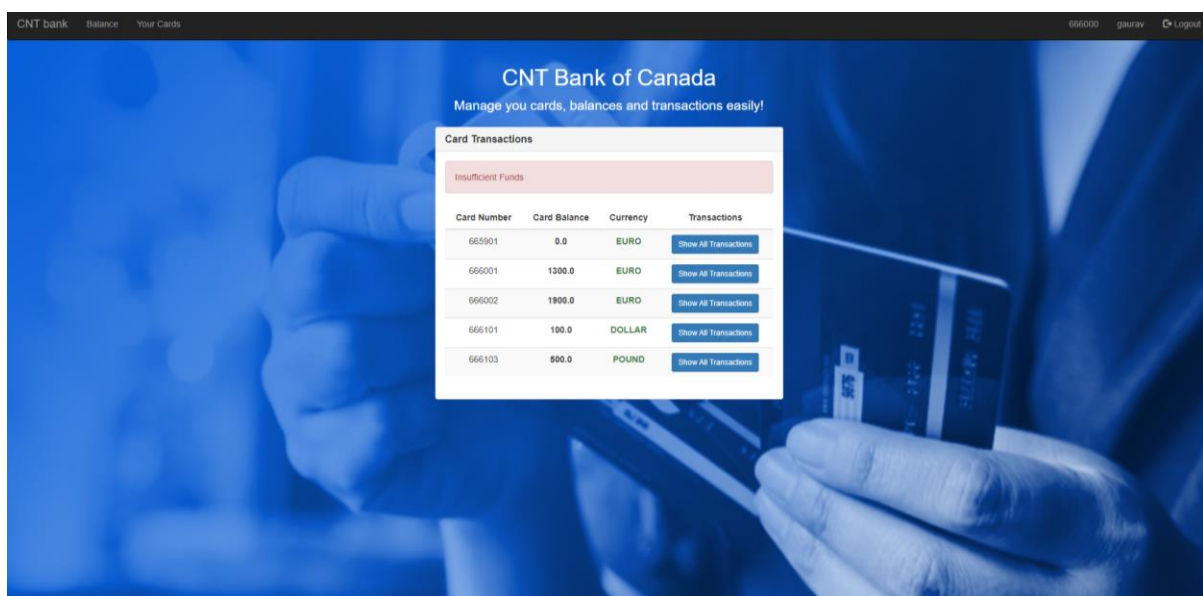
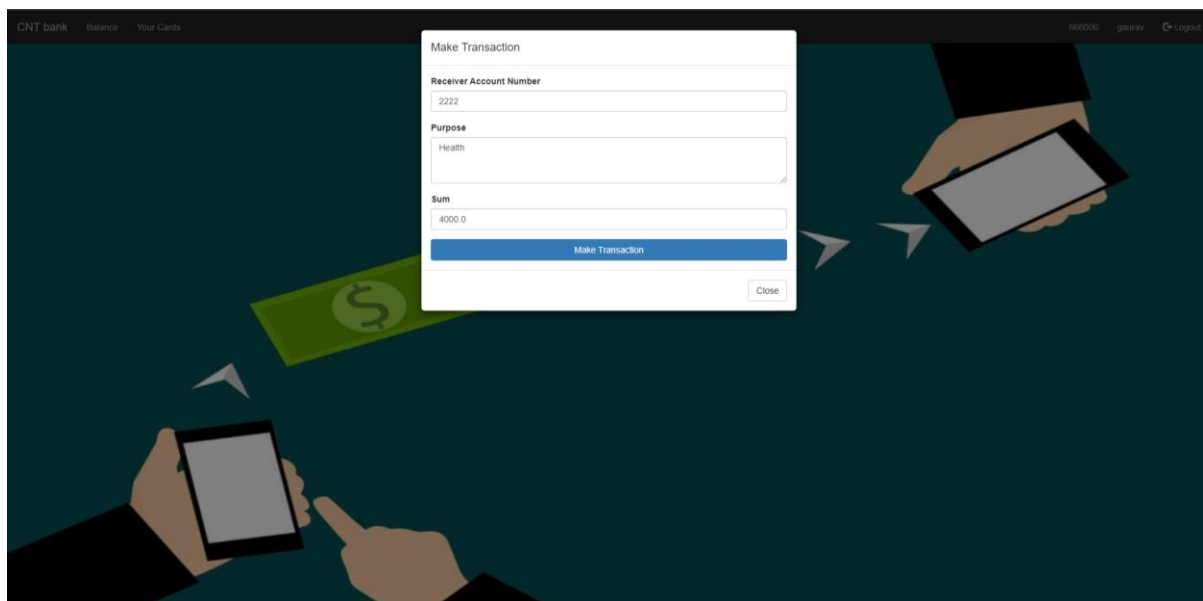
Once the user clicks on Your cards on top left of the navigation bar, the transaction screen appears. In this screen, all the cards that the user has are displayed and so are their respective balances. The user can click on Show all Transactions button next to card which takes them to the next screen.



Fifth Screen – Report

After clicking on the Show all Transactions button, the user is taken on this screen for the card they clicked on. In this screen the user can see all the transactions made by them and can also add a new transaction by clicking on Make Transaction button.





Make Transaction

Receiver Account Number
2222

Purpose
Health

Sum
500

Make Transaction

Close

Card Transactions

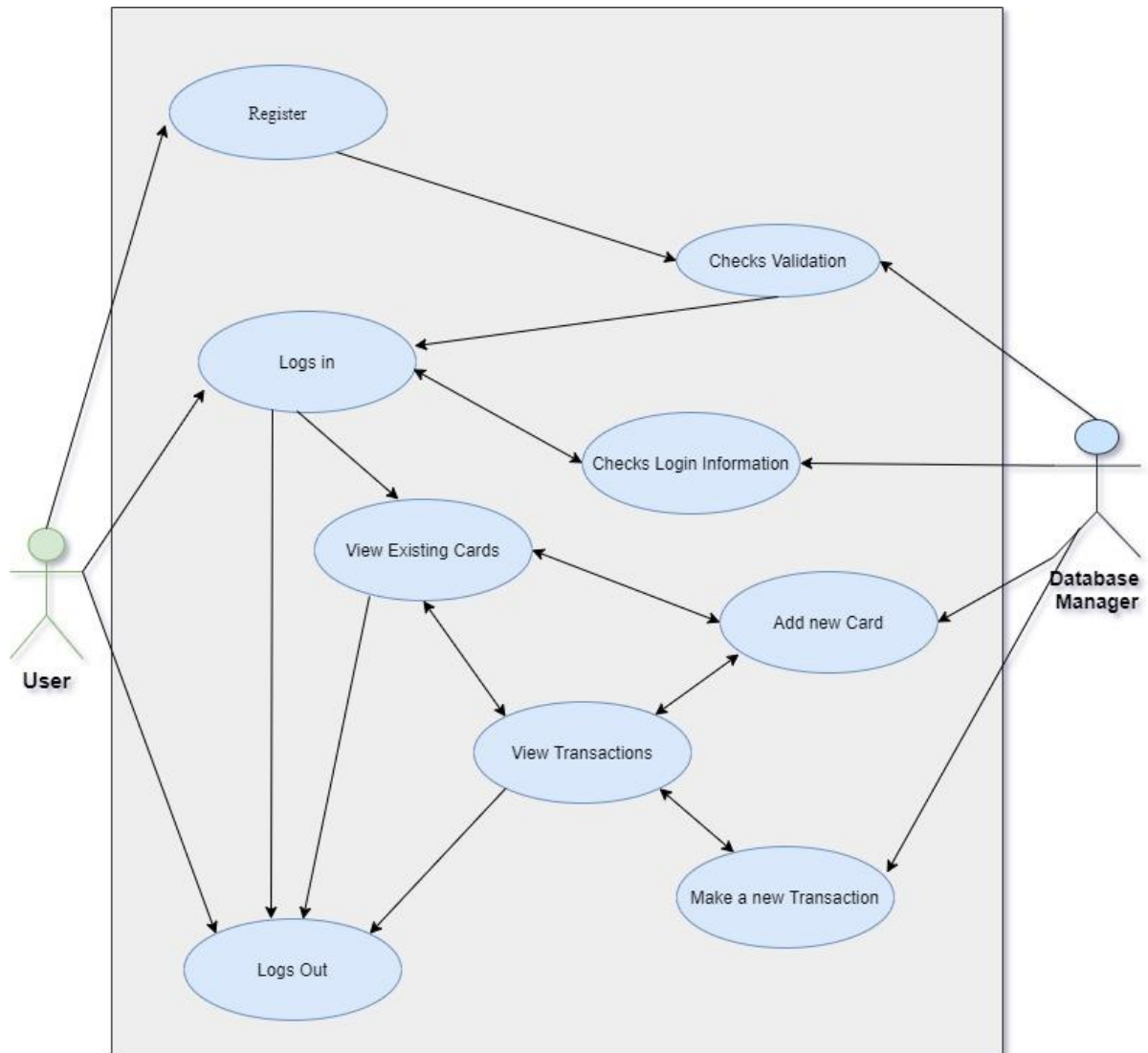
Card Number	Card Balance	Currency	Transactions
665901	0.0	EURO	Show All Transactions
666001	800.0	EURO	Show All Transactions
666002	1900.0	EURO	Show All Transactions
666101	100.0	DOLLAR	Show All Transactions
666103	500.0	POUND	Show All Transactions

Card Transactions

Transaction Number	Receiver Account Number	Purpose To Send	Total Amount
999202	4565465	home	700.0
999203	2222	Health	500.0

Make Transaction

Use Case Diagram



UML Diagram

