



Dhirubhai Ambani
Institute of Information and Communication Technology

IT314 - Software Engineering

Guided By: Prof. JayPrakash Lalchandani

All Citizen Bank: Online Banking System

Weekly Status Report

Group - 57

Name	ID
Dhwanil Shah	201901450
Yash Shah	201901210
Dev Sanghvi	201901231
Darshil Shah	201901232
Jeel Faldu	201901263
Harsh Mehta	201901277

Reporting TA - Jash Rathi (202011070)

25/03/2022
Version - 1

Brief summary of work done during the week:

- Project scope based Functional Requirements (Yash Shah)
 - Various features and functionalities provided to the customer include check balance, online shopping, fund transfer, updating passbook, checkbook issuing and many more operations makes easier and faster implementations.
 - Apart from these, users can also view its transaction history which will provide the user the opportunity to maintain bank balances and needs.
- Use cases and user stories (Dhwanil Shah and Harsh Mehta)
 - Documented various user stories for different consumers (admin, account holder, manager, etc.) after viewing and understanding the functionalities of various banking websites.
- User interface design (Dev Sanghvi and Darshil Shah)
 - We explored different bank websites and saw different interfaces which can be implemented. Primarily, we will be trying to implement a login page and registration page for the banking system.
- Brief research about backend implementation (Jeel Faldu)
 - Explored various ways to connect PostgreSQL with Node.js such as both will use the environment variable like libpq to connect to the Postgres server.

Time spent in the project during the week - in hours

- Dhwanil Shah (201901450): 7.5 - 8 hours
- Yash Shah (201901210): Approx. 7 - 8 hours
- Dev Sanghvi (201901231): Approx. 7 - 8 hours
- Darshil Shah (201901232): Approx 6 - 7 hours
- Jeel Faldu (201901263): Approx. 6 - 7 hours
- Harsh Mehta (201901277): Approx. 6 - 7 hours

Plan for next week:

- Use case diagram and class diagram (Dhwanil Shah and Harsh Mehta)
 - To form UML class diagrams from the user stories and use cases written in this week's
- Data flow diagram (Dev Sanghvi and Darshil Shah)
 - Drawing the Data Flow Diagram which explains the flow diagram of the working software i.e. how the software would work after visiting the site.
- System activity diagram (Jeel Faldu)
 - To construct a proper activity diagram showing the flow of all the actions from the information collected this week
- Extensive research on test cases and testing software (Yash Shah)
 - Testing phase becomes very important for building software. Hence we will implement various testing algorithms so that software can be made more efficient by providing some test cases.

Total time spent till now (in hours)

- Spent almost 40 hours in total during this week.

Estimated total remaining time (in hours)

- About 160 hours for the remaining project.

Status with respect to the project management report (PMR)

- Initiating the design aspects of the project and the activities planned for this week according to the Project Management Report is on time.