Implementation Manual for CS208 Project

Ria - 190001051
Mohit Kumar - 190001038
Sruthi Ponugoti - 190001047
Manish Patel - 190001034

May 11, 2021

1   Introduction

This project is a part of our software engineering course in which we tried to create a user friendly web application through which different users can interact with each other. There are many features like users can send message to others whom they follow and receive messages from them. They can follow other users to see their posts and communicate with them.they can upload posts which their followers can like, comment on it. This application will be great source of refreshment and entertainment to a wide range of users . They can utilize their free time to get attached with their online friends. We have used developed this application using mern stack.on the backend side we have used express js whereas on the frontend side we have used react js. For database services we have used mongodb atlas free service.

2   Responsibilities

We divided the various parts of our project among ourselves. The frontend part of our application was under sruthi ponugoti and mohit kumar . Whereas backend part of our application was divided among manish patel ,ria and mohit kumar. Documentation , testing part are done by sruthi.

3   Implementation Schedule

We started to build our application from backend .In the first three days we connected our mongodb atlas with our backend and created login and signup route and connected it with front end.After that was home page in which we would display posts of the users and others can like as well as comment on it as well as search for other users to see their profile or connect with them.
after it was over we created a create post page where a user can post any image of their choice. with all this stuffs done we were left with a profile page for user where he and other user can see the number of followers,followings ,his posts etc which got implemented during the later phase.

4   Resources

During the phase of development we explored many resources available on internet related to our project. From documentation of various packages and frameworks to youtube tutorials of related fields we explored everything. Most of our help was done by the tutorials . the links to the resources which helped us the most are
youtube tutorial link
expressjs documentation
reactjs documentation
mongodb documentation

During the period of this project we came to know about many new things like web development ,how to manage time in team working etc.