

Social Media **App**

MINI PROJECT – I

SYNOPSIS



Department of Computer Science & Application
Institute of Engineering & Technology

SUBMITTED TO: - Mr. Mandeep Singh(Technical Trainer)

SUBMITTED BY: - Anurag Singh (201500127)

Ankit Anand (201500097)

Manvi Singhal (201500zzz)

Acknowledgement

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Anurag Singh (201500127)

Ankit Anand (201500097)

Manvi Singhal (201500zzz)

ABSTRACT

Social media apps provide analysts with a wide range of data to study behavioral aspects of our everyday lives and to answer societal questions. We reviewed a number of social media apps and assessed their potential usability. About half of the apps offer an Application Programming Interface (API) for data access, where rate limits, fee models, and type of spatial data available for download vary strongly between the different apps. To determine the current role and relevance of social media platforms that offer these APIs a search for scientific papers on Google Scholar is accessed. Considering various evaluation criteria, like features usability and positive impact on lives, the study concludes that among the numerous social media apps available today, many less known apps deserve better. So, We tried to merge these changes in one app.

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INTRODUCTION

Numerous social media apps have evolved in recent years and significantly enhanced information sharing and networking capabilities among their users. Undeniably, these apps have permeated many aspects of modern life in our society. Social media is an interactive computer-mediated technology that facilitates the creation or sharing of information, ideas, career interests and other forms of expression via virtual communities and networks. Also, this data is changing lives of people. Therefore we wanted to build an app which allows you to reach people locally, regionally, nationally and even internationally. To provide a platform where people can connect with other people around the world. To share their thoughts and get to know other cultures around the world.

Technologies used:

- HTML
- CSS
- React JS
- Redux
- Firebase

Hardware Requirements

- A working Computer System
- An active internet Connection

Software Requirements

- A Web Browser

PROJECT DESCRIPTION AND IMPLEMENTATION

App and web development have come a long way over the last few years. We use a lot of apps to search for jobs every day, with the most famous way being using social media. Using the React JS and Firebase backend services, we will build our own social media app.

The project is divided into 6 modules –

1. Users

- User authentication - sign up, log in, log out.
- User Profile.

2. Networks

- Ability to search for other users.
- List of connection requests.

3. Messaging

- List user's connections and active chats
- Ability to send messages - text, image, attachments, emojis

4. Feed

- Display all posts in the app.

5. Jobs

- Create a placeholder tab with static content for display purposes only.

6. Notification

IMPLEMENTATION

Installing the App Dependencies

- You need to have Node.js installed on your machine.
- Create a new project with the name linkedin by running the following statement. **npx create-react-app socialapp**
- You need to install some dependencies.
- Configure SDK
- Setting Up Firebase

REFERENCES;

Books:

- HTML & CSS: Design and Build Web Sites
(Book by Jon Duckett)
- Eloquent JavaScript, A Modern Introduction to Programming
(Book by Marijn Haverbeke)
- The Road to Learn React: Your Journey to Master Plain Yet Pragmatic React. Js (Book by Robin Wieruch)
- Beginning React and Firebase: Create Four Beginner-Friendly Projects Using React and Firebase (Book by Nabendu Biswas)

Websites:

- <https://developer.mozilla.org/en-US/docs/Web/>
- <http://www.google.com/>
- <http://www.geekforgeeks.com>

Faculty Guidelines:

Mr. Mandeep Singh (Technical Trainer in GLA University)

GitHub Repository link:

<https://github.com/Anurag-Singh-20112002/socialApp.git>