



Summer Internship(3170001)

# ReactJs

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**SSASIT**



**Leaf Drive**

*To whomsoever it may concern*

## **Company Details**

**Company :** Leaf Drive IT Solutions

**Work Supervisor :** Mr.Mihir M. Parmar

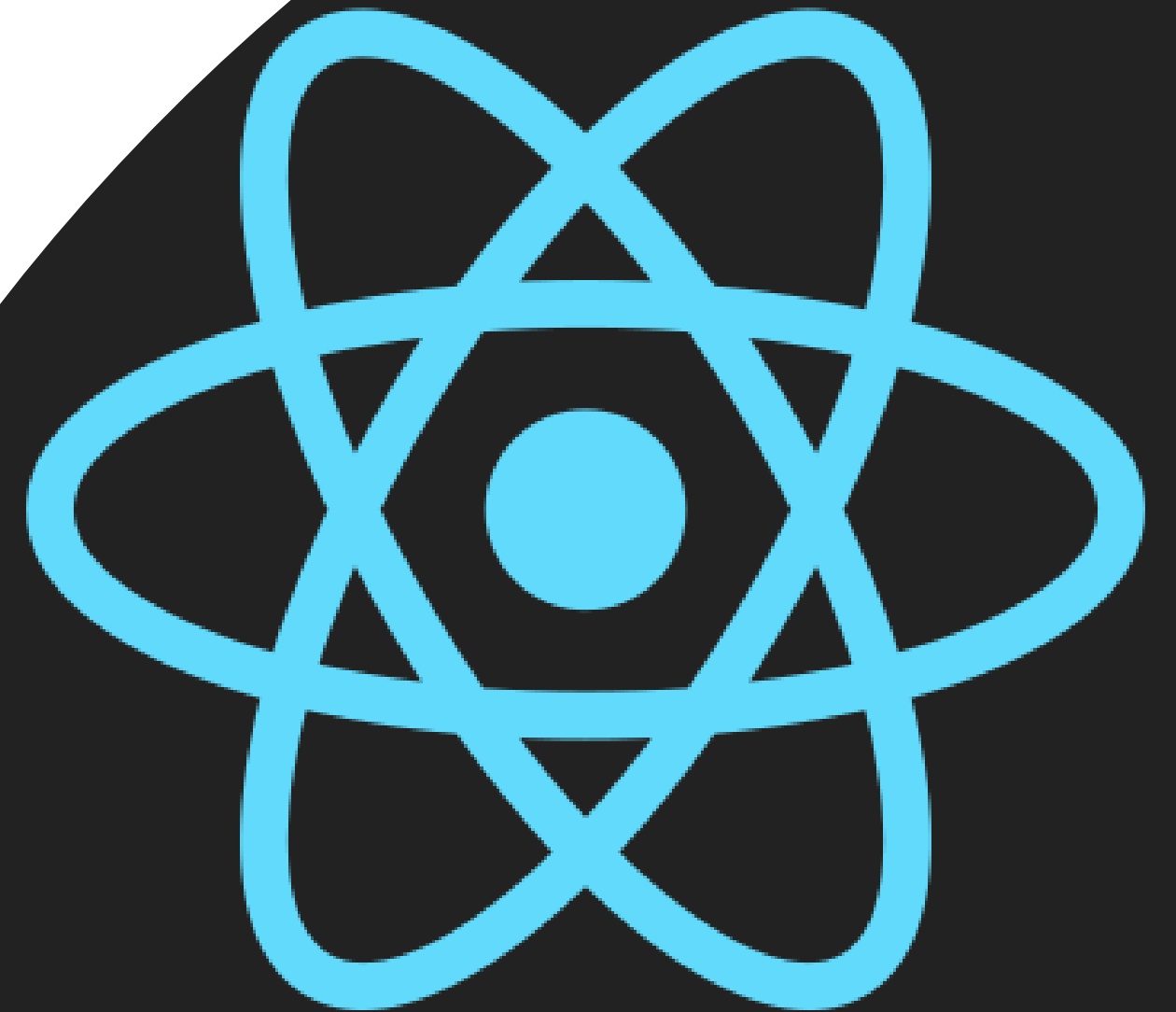
**Conatct Number:** 8866066301

**Address of Company:** Timaliyawad,Nanpura,  
Surat-395001

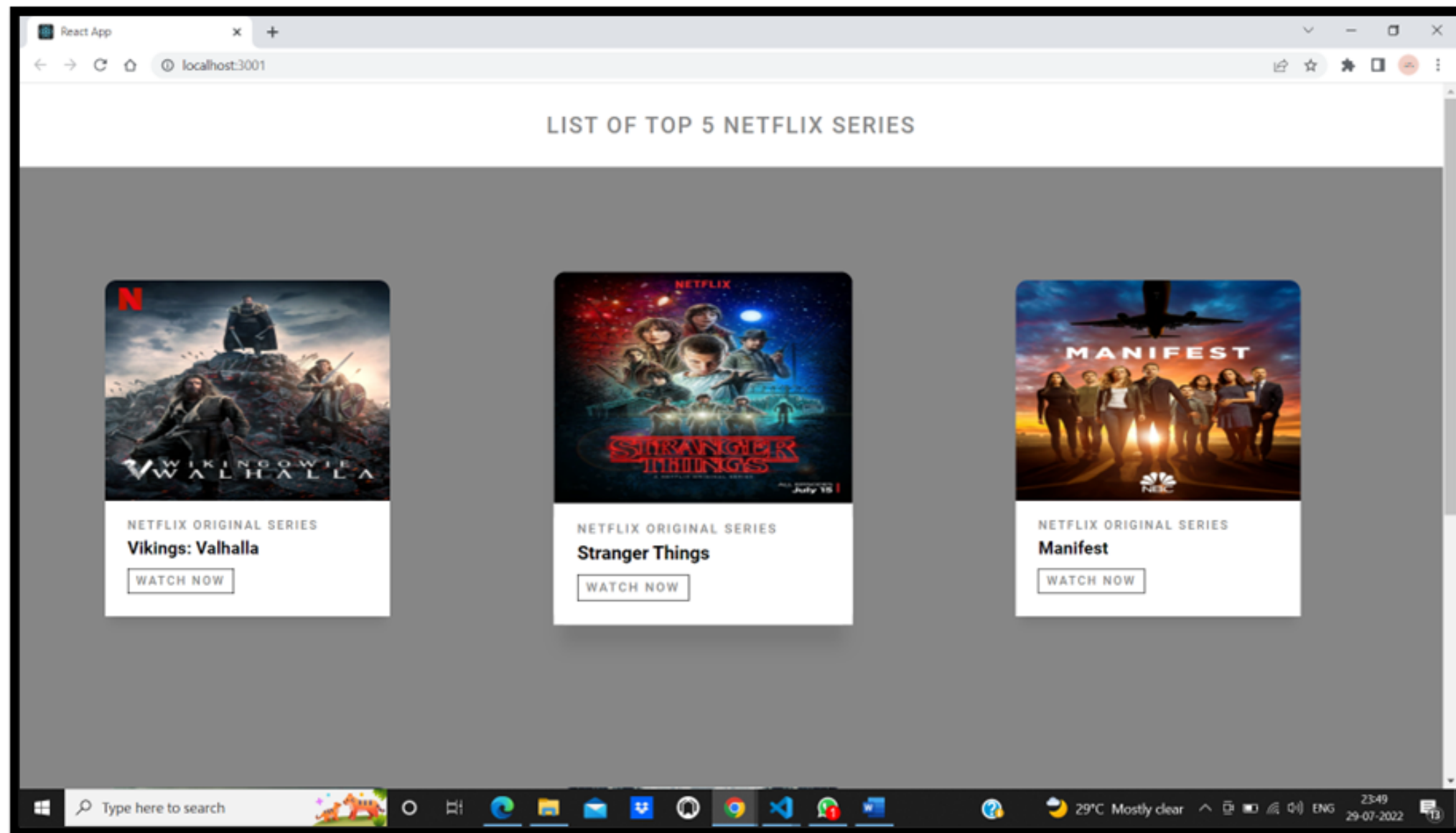


# Introduction to ReactJs

- ReactJS is a declarative, efficient, and flexible JavaScript library for building reusable UI components.
- It is an open-source, component-based frontend library responsible only for the view layer of the application.
- A ReactJS application is made up of multiple components, each component responsible for outputting a small, reusable piece of HTML code.
- The components are the heart of all React applications. These Components can be nested with other components to allow complex applications to be built of simple building blocks.
- ReactJS uses virtual DOM based mechanism to fill data in HTML DOM. The virtual DOM works fast as it only changes individual DOM elements instead of reloading complete DOM every time.

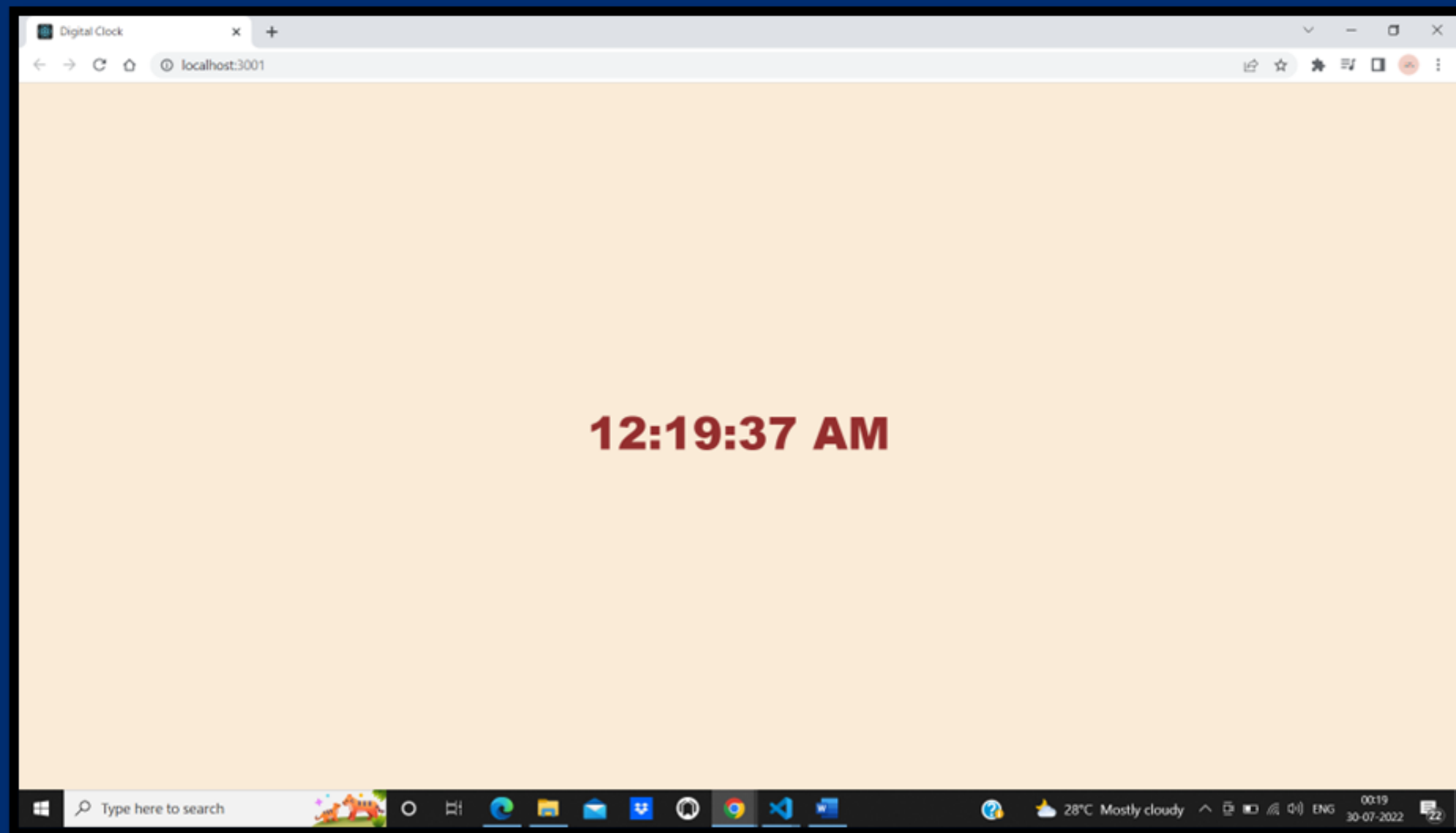


# Webapp for list of Netflix Series



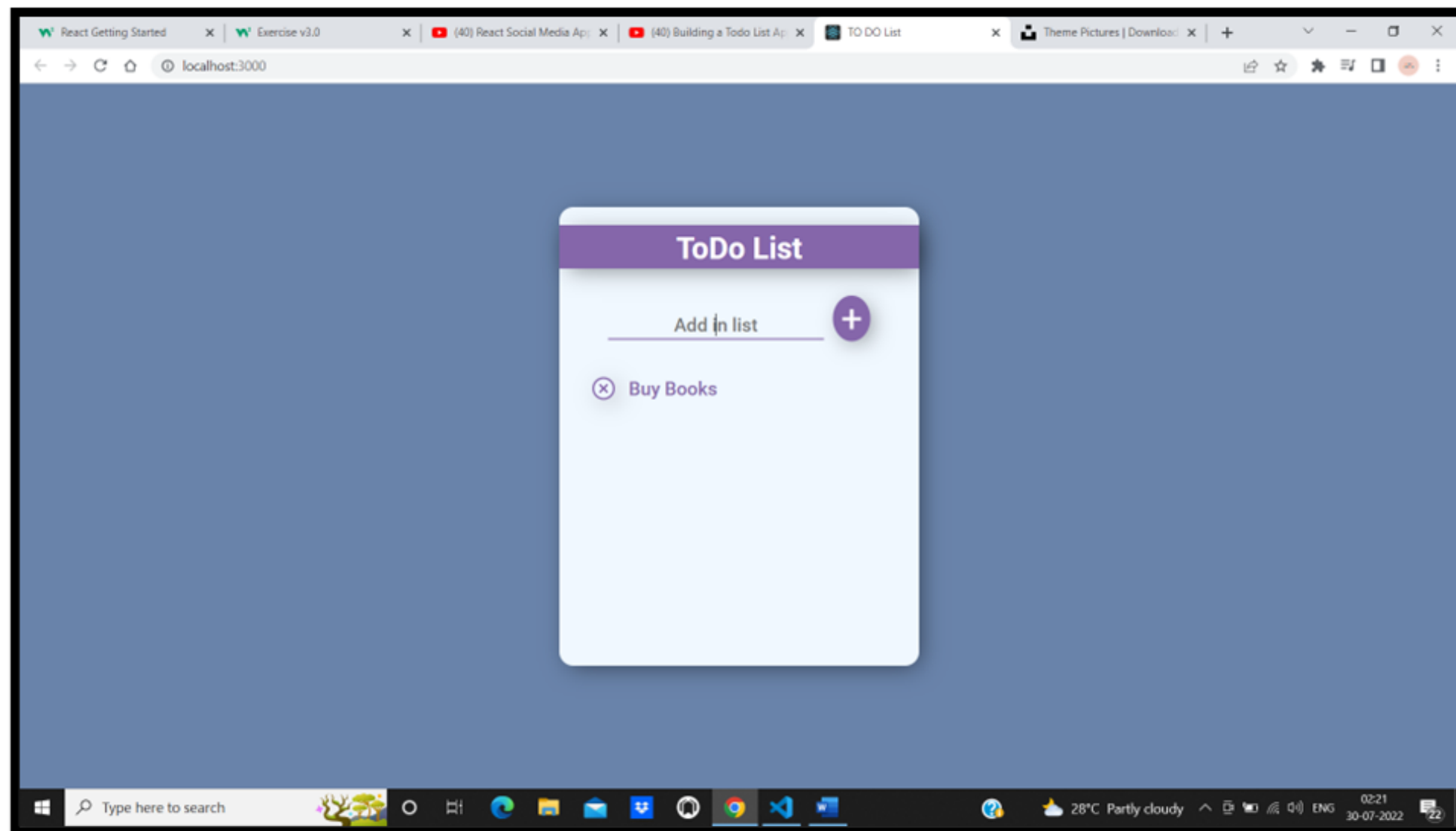
This challenge is to create web app from the Scratch, display top 5 Netflix series with the use of props, map method. On clicking watch now button the page is directed to Netflix page

# Web application for Digital Clock



Digital clock is created with the help of `useState`, `date` method and `setInterval` method. The React `useState` Hook allows us to track state in a function component. It accepts an initial state and returns two values i.e the current state and a function that updates the state.

# Web application for To Do List




Web application for to do list can be made using React Hooks. One can add and delete data from the list. For this along with hooks concept, map function, callback concepts are also used.

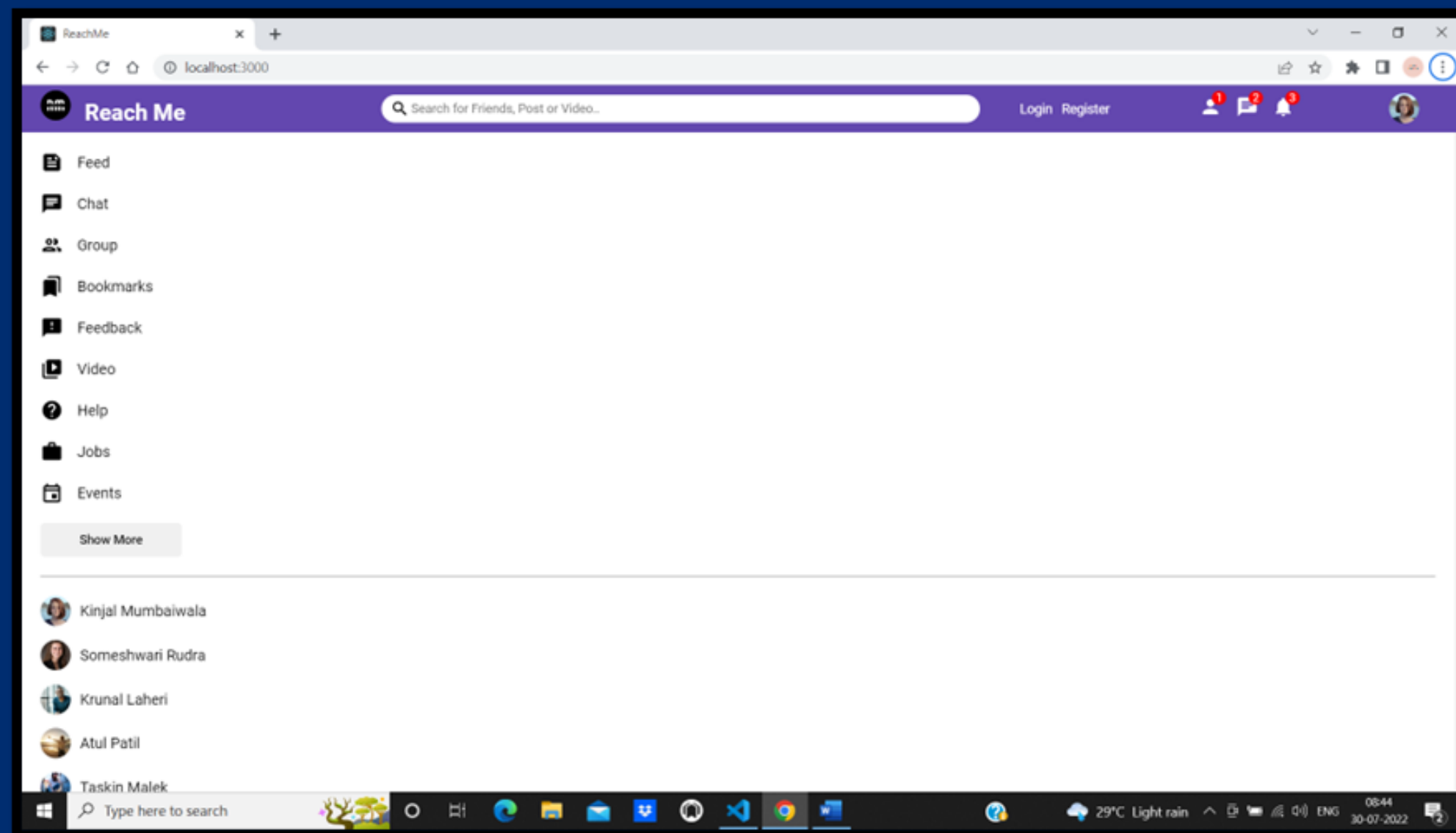




# ● Working with ReactJS Project

- Using React many web applications can be made. This project is a social media app called “**REACH ME**”.
  - It is made up of different components: Topbar, Sidebar, Feed(share and post), Rightbar.
  - This project also covers profile, login and registration pages.
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# TOPBAR & SIDEBAR COMPONENT

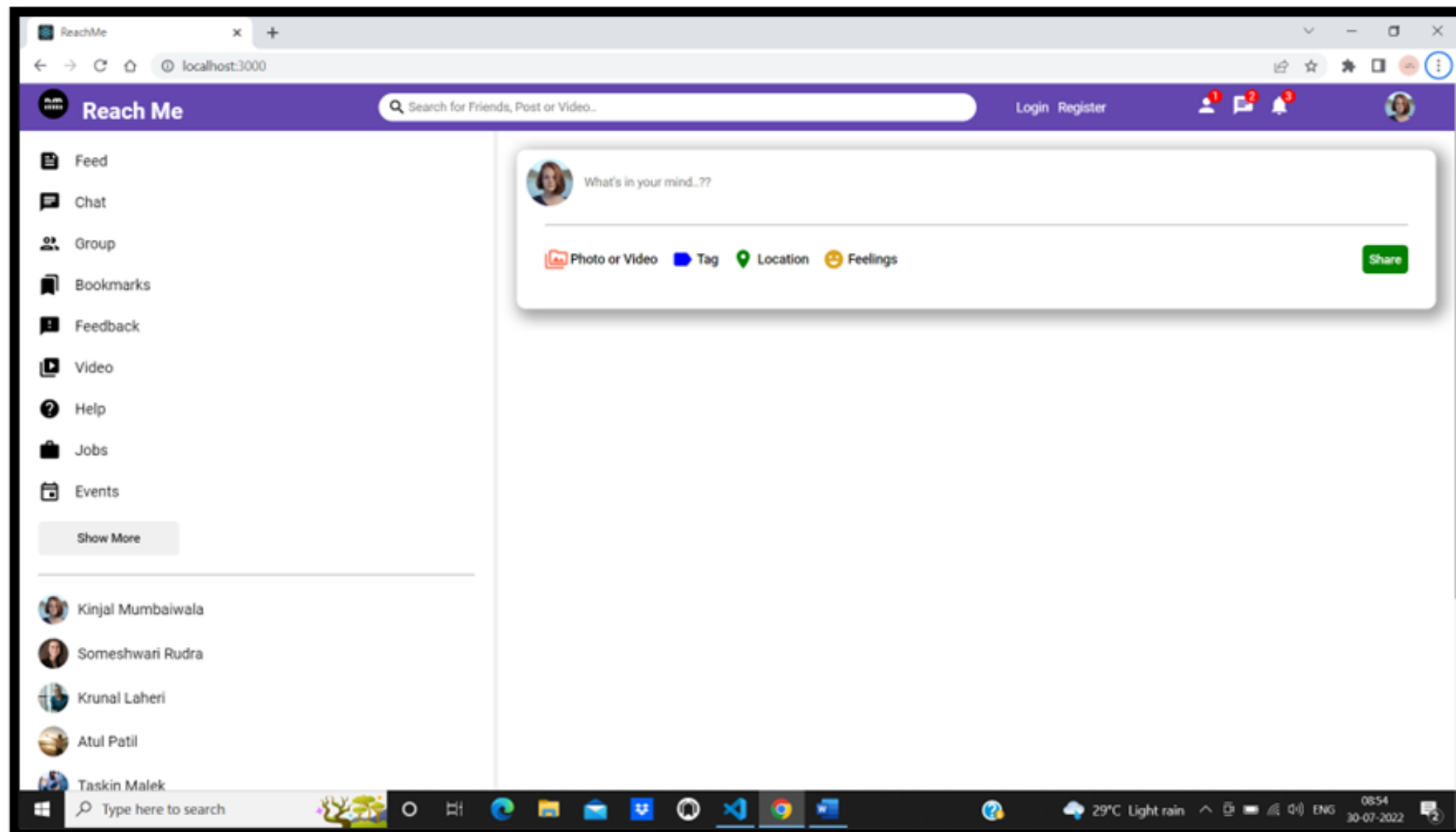


Topbar component consists of logo , searchbar and some links, profile picture.

Sidebar component consists of navbar and friend-list with profile picture and username.

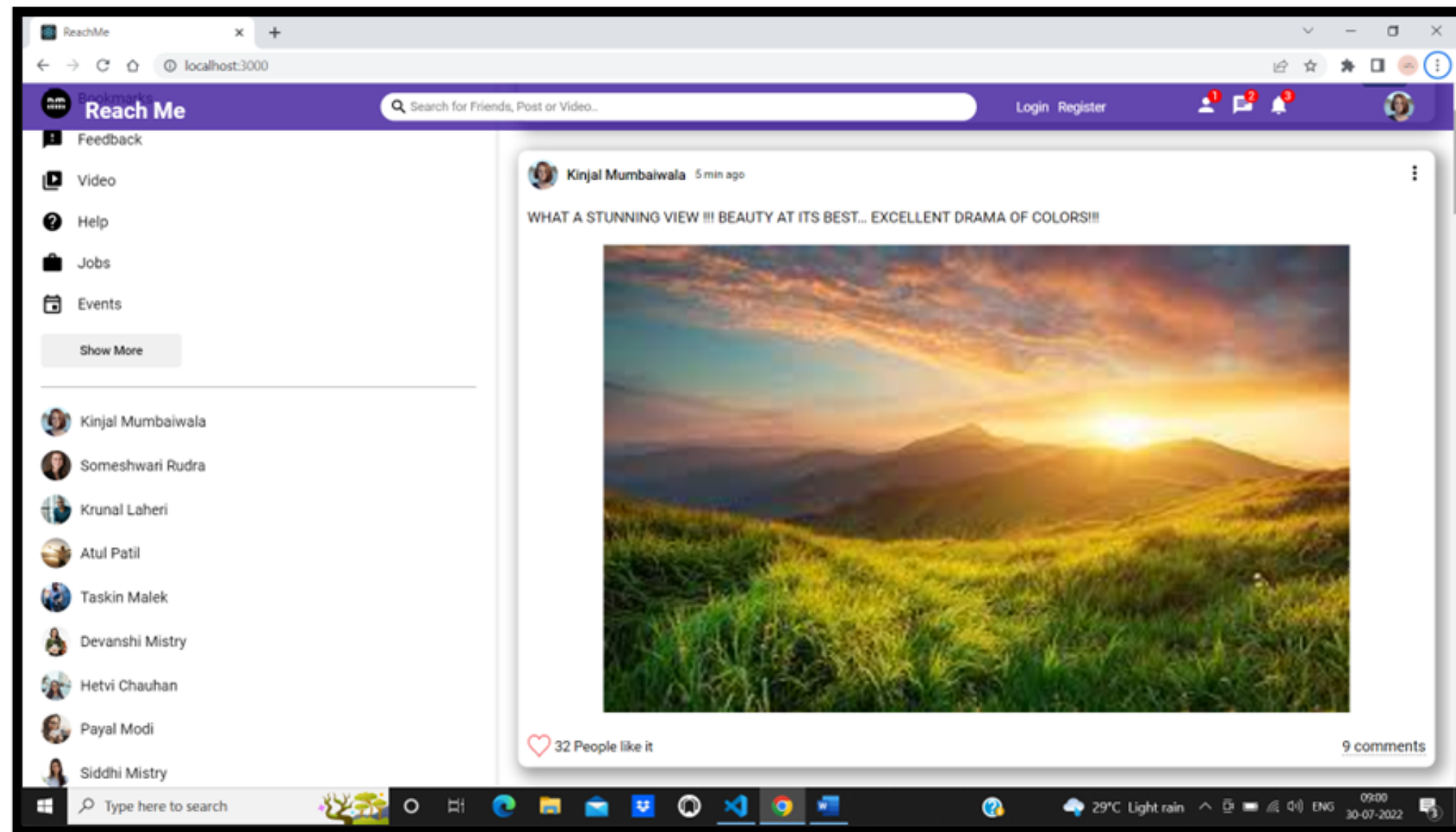


# SHARE COMPONENT



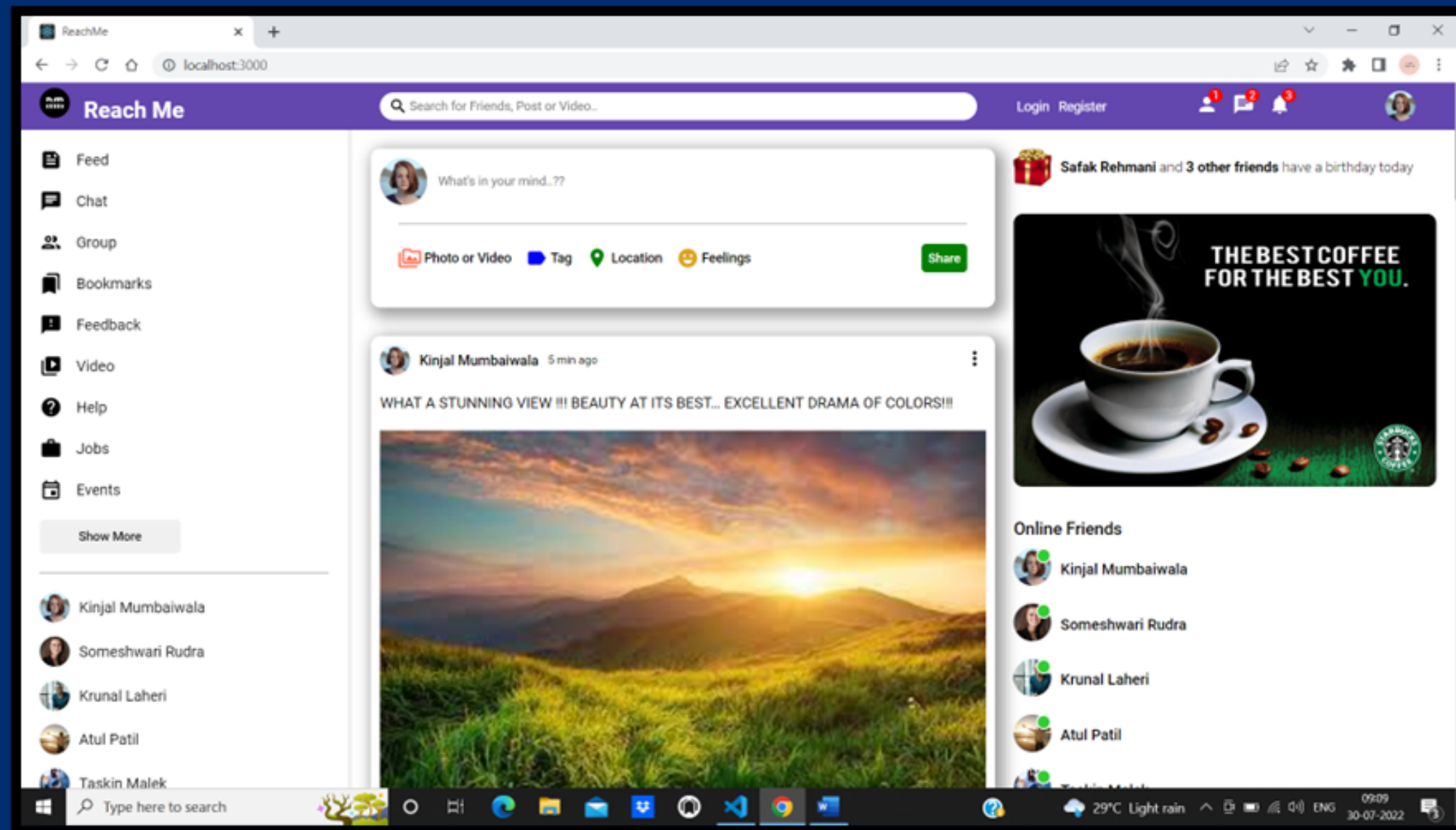
Share component consists of different things like photo or video, location, tag someone and write something and then you can share it.

# POST COMPONENT



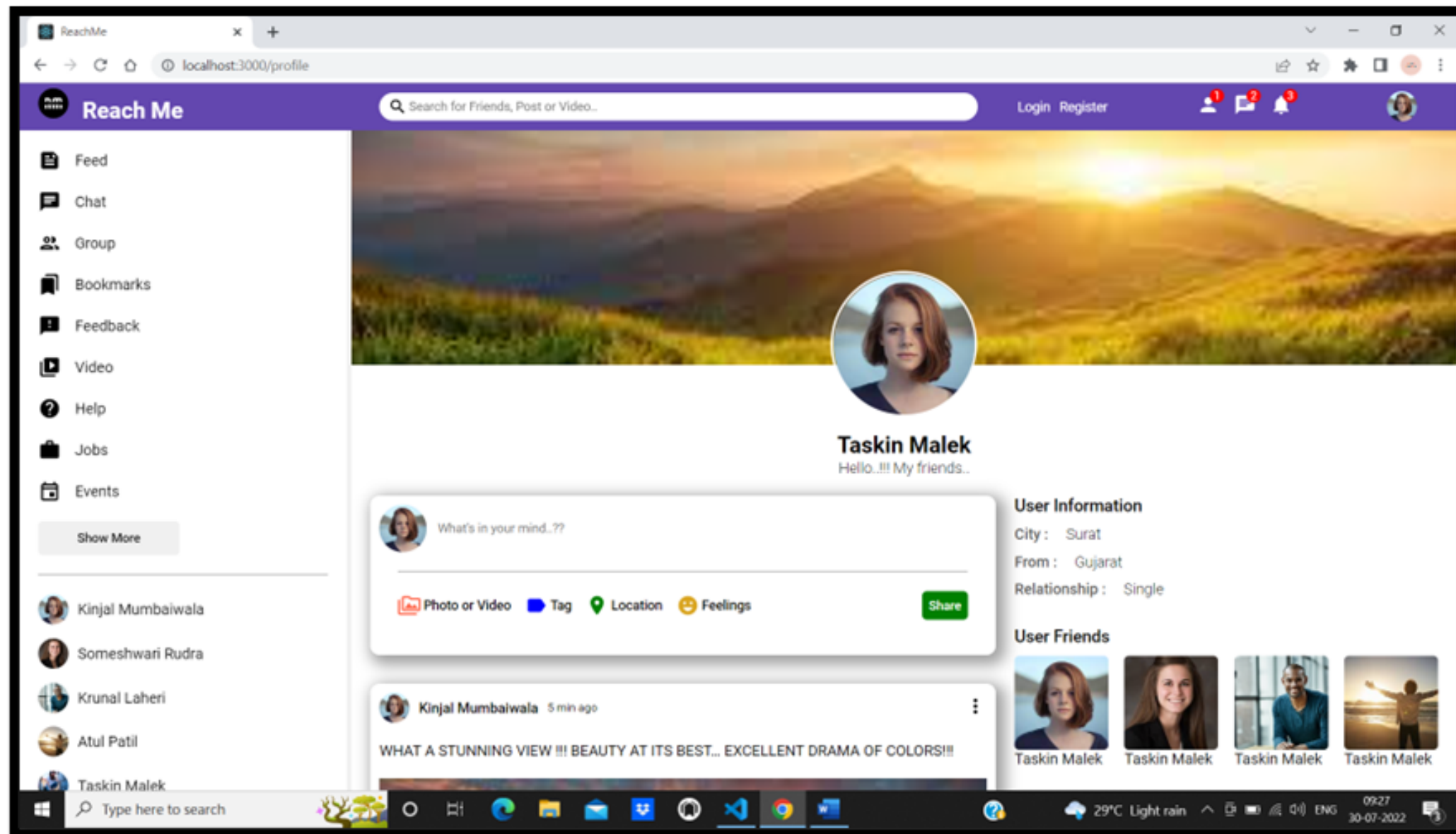
Post component is just like feed in any other social media application which shows multiple posts of our friends with date and time. Here like functionality is also implemented.

# RIGHTBAR COMPONENT



Rightbar component has list of active users and has advertisements part.

# PROFILE PAGE

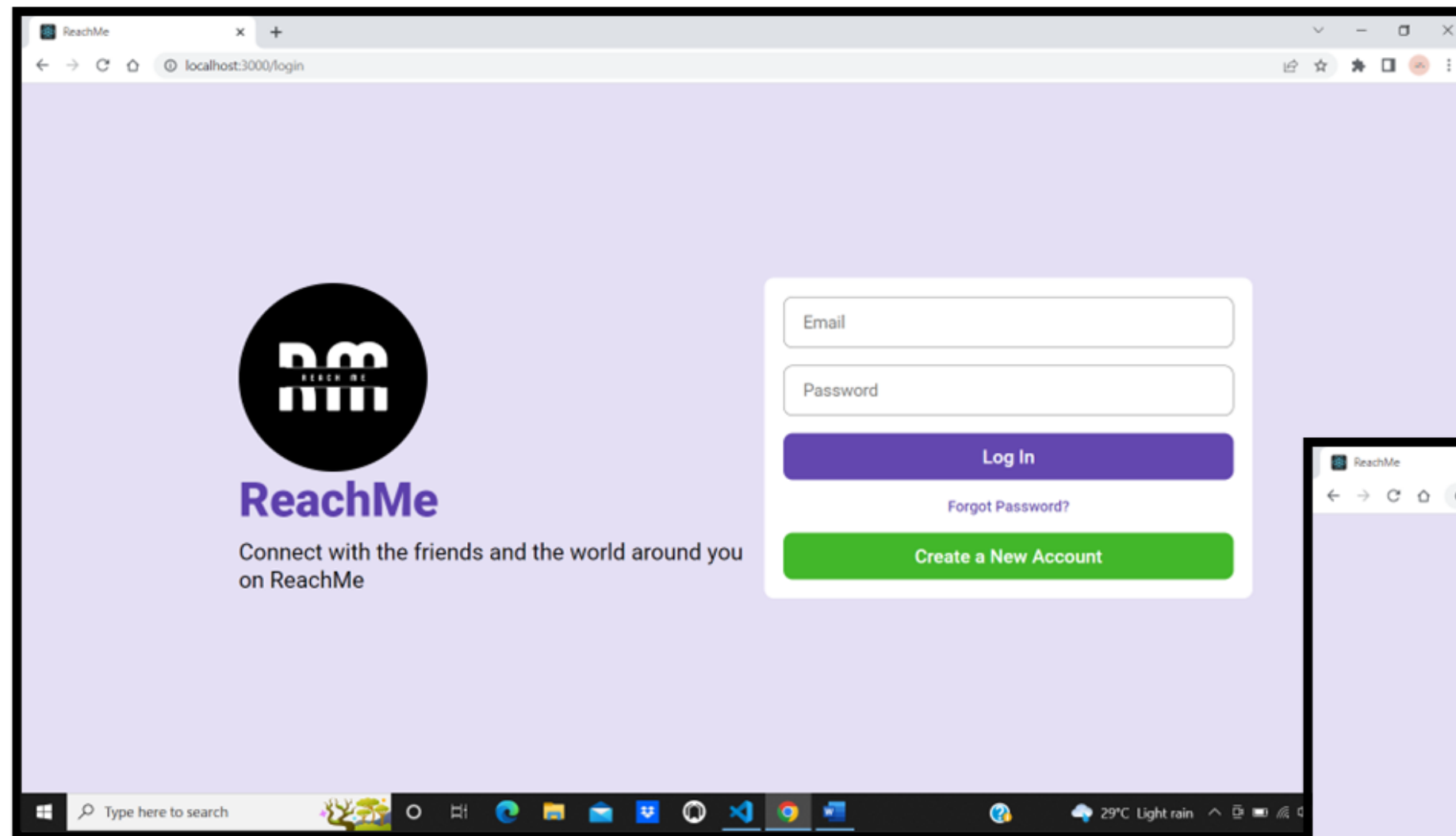


Profile page is user's profile of web application. It consists of cover picture and profile picture and profile details, and also displays suggested user's list

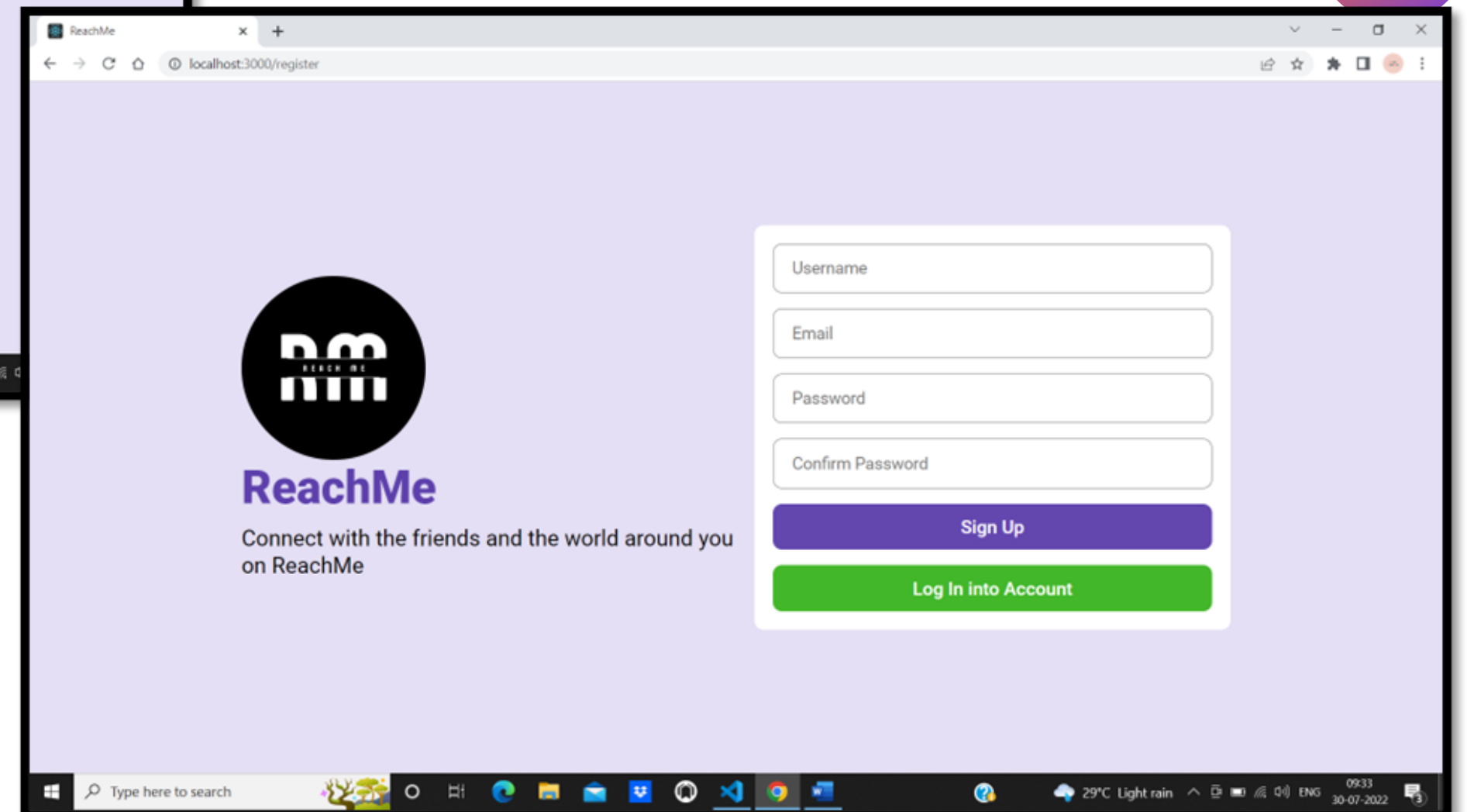




# LOGIN & REGISTRATION PAGE



The screenshot shows the login page of the ReachMe application. The browser address bar displays 'localhost:3000/login'. On the left, the ReachMe logo is shown above the tagline 'Connect with the friends and the world around you on ReachMe'. The login form on the right contains an 'Email' input field, a 'Password' input field, a purple 'Log In' button, a link for 'Forgot Password?', and a green 'Create a New Account' button. The Windows taskbar at the bottom shows the search bar and various application icons.



The screenshot shows the registration page of the ReachMe application. The browser address bar displays 'localhost:3000/register'. On the left, the ReachMe logo is shown above the tagline 'Connect with the friends and the world around you on ReachMe'. The registration form on the right contains a 'Username' input field, an 'Email' input field, a 'Password' input field, a 'Confirm Password' input field, a purple 'Sign Up' button, and a green 'Log In into Account' button. The Windows taskbar at the bottom shows the search bar and various application icons, with the system clock indicating 09:33 on 30-07-2022.

The background is a solid blue gradient. Scattered across the image are several circles of varying sizes. These circles have a color gradient from orange at the top to purple at the bottom. The circles are positioned in the top-left, top-right, bottom-left, and bottom-right areas, with one small circle near the center-right.

# Thank You