SSD: Lab 6 Activity

Introduction

Someone at IIITH came up with the idea of a "crazy dating app for IIITH folks." It appears to be an idea from the MTech – PDM Batch.

As the person mentions: "The idea is to connect the right people with the right intent."

Here is the post for reference:

However, this post was met with much criticism. Here is that instance of criticism:

Well so I decided, what if **I support the first person**. Let's make **the personal interests of the person, the branch interest of not just the PDM batch but also all the batches who have taken the SSD course.** The interest being the **app for some, marks for others**. We will be making the dating app today in this lab.

Setup

You should already have installed Node.js and the npm package manager on your system. If not, follow the installation instructions now.

Check installation using $node\ -v$

And $npm\ -v$

Installation

cd into the extracted folder

$npm\ install$ to install all the node modules. This would start the installation of ~400 MB of node modules.

Task 1: Router (10 Marks)

A router is an essential part of React JS. It specifies what component to serve at what path of the single page application.

You have a skeleton of the Router in the App.js / App.jsx file.

Your task is to first import the components from src/components in App.jsx

And add Routes to the following pages.

- At /: SearchPage
- At /profile: ProfilePage

Task 2: Create a profile page for yourself. (10 Marks)

In this task you must modify the ProfilePage.jsx inside src/components/ProfilePage.

To perform:

1. Create a JavaScript Object containing your:
   a. name
   b. age
   c. bio
2. Add a return block to display your profile by accessing the object properties. Use dot notation.

Task 3: Create a generic profile page rendering component (7 Marks)

Generalise the above task of rendering your profile page.

1. Add a prop in const UserProfile
2. Access the object properties of profile to extract the information and display it.

Task 4: Search Page (30 Marks)

In this part you would be using src/data/profiles.jsx.

1. Import this in your jsx file.
2. Import UserProfile from UserProfile.jsx

3. Create a state variable and a state modifier using the useState('') function.
4. Add the following parameters in the input tag:
   a. value: Value of the input
   b. onChange: What happens when the input text changes
5. Write a function to filter results based on the name of the user.
6. Inside return, use map to display all the filtered results on the page.

Task 5: Beautify (5 Marks)

Decorate your profile page!