# Assignment # 4.1 – Create Data Pages with REACT

### Tasks to complete:

Note: Install Node and NPM before getting started with below steps, Node version should be greater than 12.

## **Install create-react-app**

[create-react-app](https://github.com/facebookincubator/create-react-app) is a tool to build React apps in no time. It allows us to create React apps without any build configuration.

1. From your terminal, install create-react-app globally:

npm install -g create-react-app

2) Run below command in terminal/CMD  
create-react-app my-app

cd my-app  
  
  
3) Run below command in terminal/CMD  
npm i json-server

1. Create folder “Mock-data” inside root folder and create file “data.json”

{

"user":

[

{name:"Siva",

location:"Bengaluru",

likes:64,

description: "Kick start your career",

PostImage: "relative path from local",

date: new Date(),

},

{name:"Neeraj",

location:"Pune",

likes:30,

description: "Sample Description",

PostImage: "relative path from local",

date: new Date(),

},

{name:"Rahul",

location:"Hyderabad",

likes:30,

description: "Sample Description for Post",

PostImage: "relative path from local",

date: new Date(),

}

]

}

1. In the project directory, you can run:

### json-server --watch Mock-data/data.json --port 3004

1. Runs the Mock data API in the development.  
   Open <http://localhost:3004/data> to access the data it in the browser.
2. The Mock data will be used as a data source for below mentioned UI.

Finally,

npm-start

**Let's get started.**

1. To start, make a directories for a Layouts page: PostView.
2. Begin with the component. Open postview.js in your text editor:  
     
   Code for postview
3. import React from 'react';
4. export default function postview() {
5. return <h2>postview Page</h2>;
6. }

2. Use sample Json Object response using Fetch call as mentioned above and Loop over to create Three sections using Map function in JSX from JSON as per below screenshot.

As JSON object grows like currently 3 objects inside array, if we increase to 4, then UI should render 4 containers.  
  
Note: Store images in local and use relative path, which will keep in PostImage value of JSON of Mock API

Graphical user interface, application

Description automatically generated