

React Lab 1:

A Organisation has decided to migrate their Client Project Website to React. You are supposed to break the UI Pages into React UI Components and create React Container Component to display a Single Page Application(SPA) using all the created components.

- Create New React App
- Break Website UI into React Components
- Add React Component Routing

As the developer in the team, you have to perform the following tasks:

Solution

Task 1: Download the Website UI

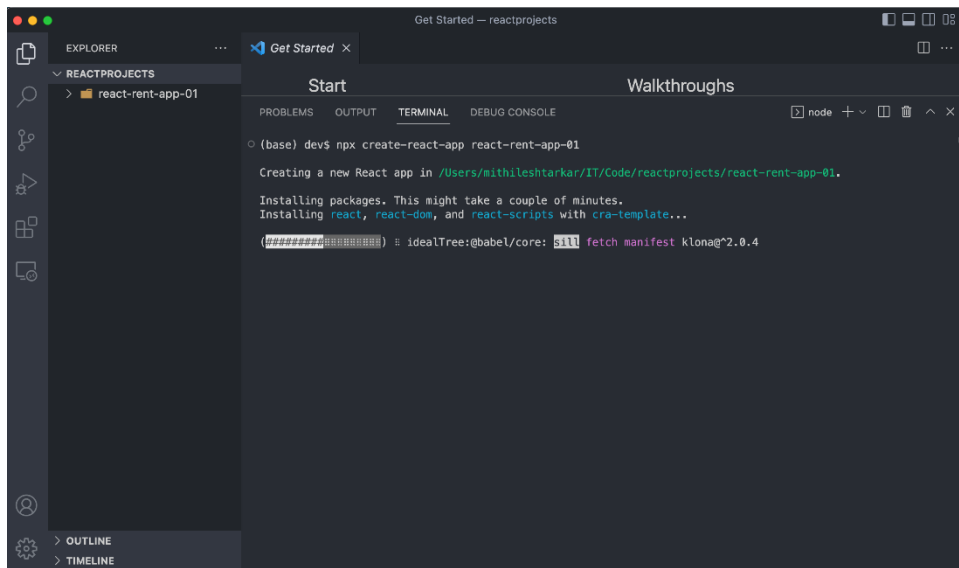
1. The HTML, CSS code of the website is available at this link. Download it so you can use it to break down the UI into React Components

| | |
|--------|---|
| 1 2 | https://github.com/ctmithilesh/house-rent-ui |
|--------|---|

Task 2: Create New React App

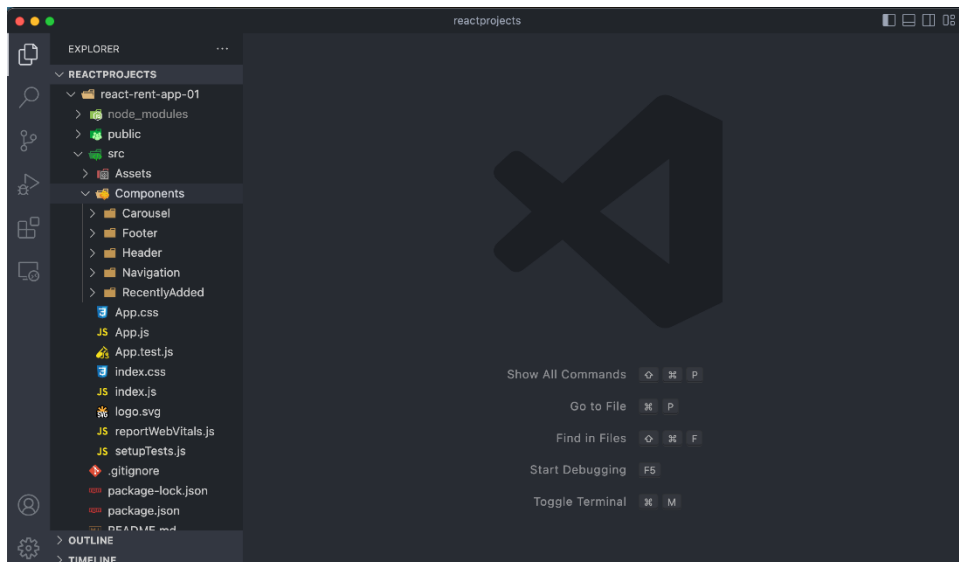
2. Enter the following command to create a new react app

| | |
|--------|---|
| 1 2 | <code>\$ npx create-react-app <app-name></code> |
|--------|---|



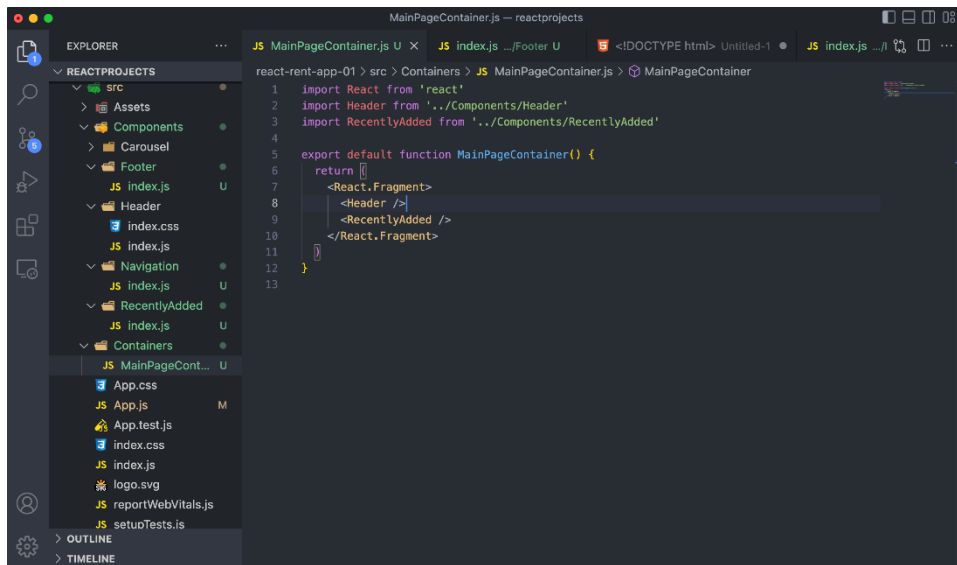
Task 3: Create the following Components

3. The following components will be needed to create:
 - Header Component
 - Navigation Component(Menu Component)
 - Carousel Component(Carousel Component)
 - Recently Added Component
 - Footer Component



Task 4: Create Page

4. Create a Single Page(Container Component) and import all the created independent components



Task 5: Start React Server

5. Create the React Server

| | |
|--------|--------------|
| 1 2 | \$ npm start |
|--------|--------------|

Task 6: Output

6. Open the web browser to check your Output. Your Output should look similar to the screenshot below(Sample Output for Illustration only)



Task 7: Conclusion

5. Time to discuss the Output
 - Discuss the Solution with your Teammates, Trainers and Mentors.
 - Is there anything where you can improve?
 - Get Feedback on the Output.