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SAMTA.AI   ASSIGNMENT

1) CountdownTimer App

Overview
The Countdown Timer App is a React application that allows users to set a countdown timer, start and stop it, and customise the countdown time.

Features
1)Countdown Timer Display:
Users can view the current countdown time in minutes and seconds.

2)Editable Countdown Time:
Users can input a custom countdown time.

3)Start and Stop Timer:
Users can start and stop the countdown timer.

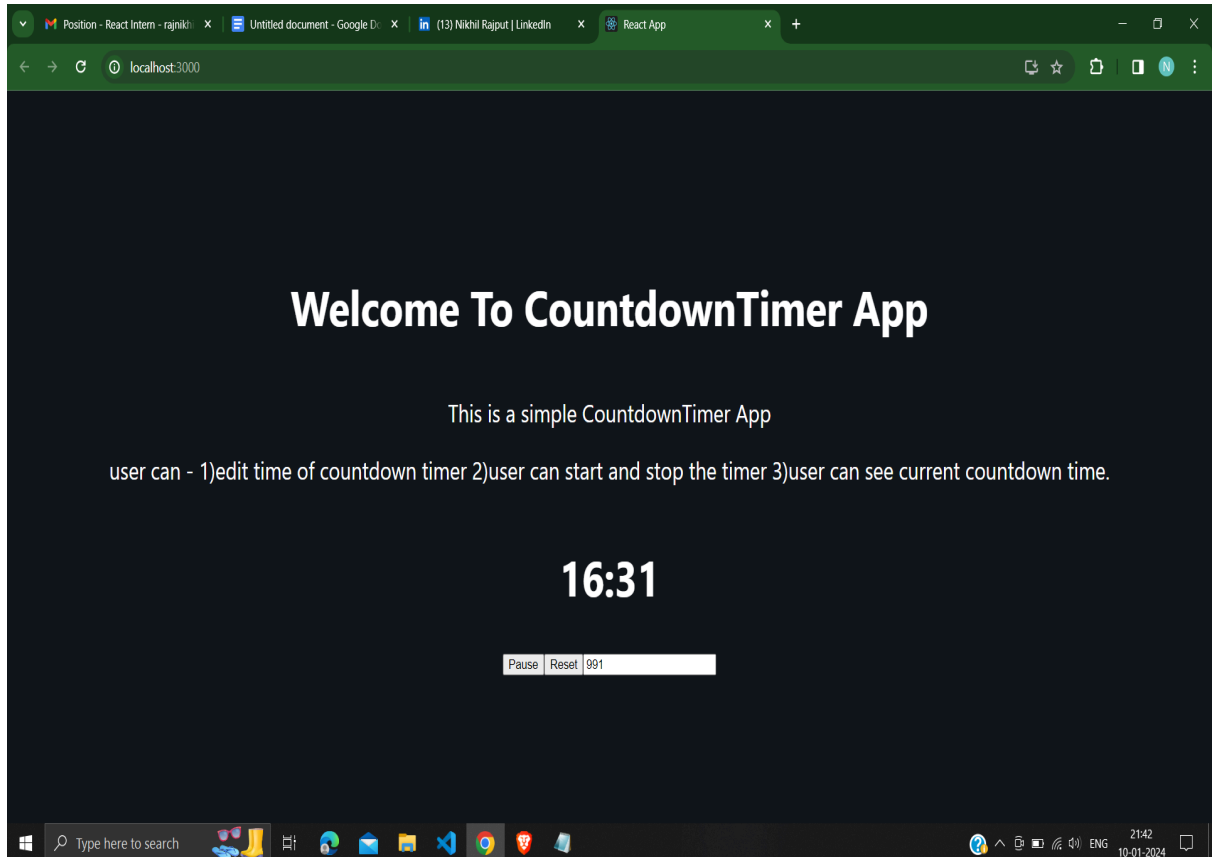### Folder Structure :

Countdown-timer-app

```
|-- src
|   |-- components
|   |   |-- CountdownTimer.js
|   |   |-- TimerControls.js
|   |   |-- TimerDisplay.js
|   |   |--  Header.js
|   |   |--  Jumbotron.js
|-- App.js
|-- App.css
|-- index.js
```

How to Use :
1) Input the desired countdown time in seconds.
2) Click the "Start" button to begin the countdown.
3) Click the "Pause" button to stop the countdown.
4) Click the "Reset" button to reset the countdown to the initial time.
5) Edit the countdown time input to customise the countdown duration.

Command To Run App : 1) cd Countdown-timer-app
2) npm start

Screenshots of App :

2) User Info App

Overview
The User Info App is a React application that retrieves user information from the JSONPlaceholder API, displays it as a list, and provides functionalities to search users by name, view past search terms, and sort users by name.

Features
1)User List Display:
Users are fetched from the JSONPlaceholder API and displayed in a list.

2)Search by Name:
Users can search for other users by entering their name.

3)View Past Search Terms:
A history of past search terms is displayed, and users can click on them to repeat the search.

4)Sort Users by Name:
Users can sort the displayed list of users alphabetically by name.

Folder Structure :

User-info-app

```
|-- src
|   |-- components
|   |   |-- UserList.js
|   |   |-- SearchUser.js
|   |   |-- Header.js
|-- App.js
|-- App.css
|-- index.js
```

How to Use :
1) View the list of users fetched from the JSONPlaceholder API.
2) Enter a user's name in the search input to filter the user list.
3) Click the "Search" button to perform the search.
4) Click the "Sort by Name" button to alphabetically sort the user list.
5) Click on past search terms to repeat the search.

Command To Run App : 1) cd user-info-app
2) npm start

Screenshots of App :