Subject code & Name	:	**CSE304 & Full Stack Development**	Practical	:	**7**	Academic Year	:	**2024-25**

Task - 7

Aim

Creating a React Sidebar Navigation Menu involves using React Hooks to manage the state and handle the functionality of the sidebar, such as opening and closing the menu, and navigating between different sections of the webpage.
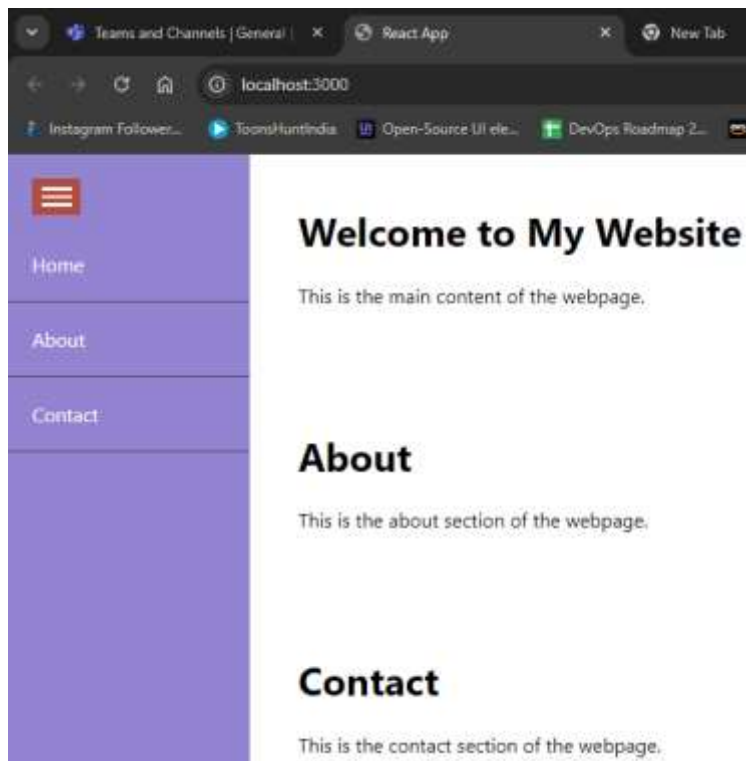
Code

Practical_7.js
```
import React, { useState } from 'react';
const Sidebar = () => {
  const [isOpen, setIsOpen] = useState(false);
  const toggleSidebar = () => {
   setIsOpen(!isOpen);
  };
  return (
   <div className="sidebar-container">
     <button className="toggle-button" onClick={toggleSidebar}>
       <div className="bar"></div>
       <div className="bar"></div>
       <div className="bar"></div>
     </button>
     <div className={`sidebar ${isOpen ? 'open' : 'closed'}`}>
       <ul>
         <li><a href="#home">Home</a></li>
         <li><a href="#about">About</a></li>
         <li><a href="#contact">Contact</a></li>
       </ul>
     </div>
   </div>
  );
};
export default Sidebar;
```

App.js
```
import React from 'react';
import Sidebar from './components/Practical_7';
import './App.css'
const App = () => {
  return (
   <div className="App">
     <Sidebar />
```

```
    <div className="content">
     <div id="home">
      <h1>Welcome to My Website</h1>
      <p>This is the main content of the webpage.</p>
     </div>
     <div id="about">
      <h1>About</h1>
      <p>This is the about section of the webpage.</p>
     </div>
     <div id="contact">
      <h1>Contact</h1>
      <p>This is the contact section of the webpage.</p>
     </div>
    </div>
   </div>
 );
};
export default App;
```

Output

Signature :