Display users to browser
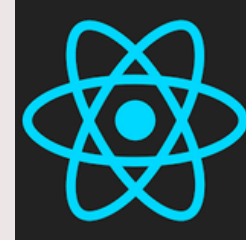
Task:

Given an array of user objects, each containing a name and id property, create a React component to display the list of users in a browser.

```
const users = [
  { name: "John Doe", id: 1 },
  { name: "Jane Doe", id: 2 },
  { name: "Billy Doe", id: 3 },
];
```

code

```jsx
import React from "react";
import UserList from "./UserList";

const users = [
  { name: "John Doe", id: 1 },
  { name: "Jane Doe", id: 2 },
  { name: "Billy Doe", id: 3 },
];

function App() {
  return (
    <div>
      <UserList users={users} />
    </div>
  );
}

export default App;
```

```jsx
import React from "react";

function UserList({ users }) {
  return (
    <div>
      <h1>User List</h1>
      <ul>
        {users.map((user) => (
          <li key={user.id}>{user.name}</li>
        ))}
      </ul>
    </div>
  );
}

export default UserList;
```
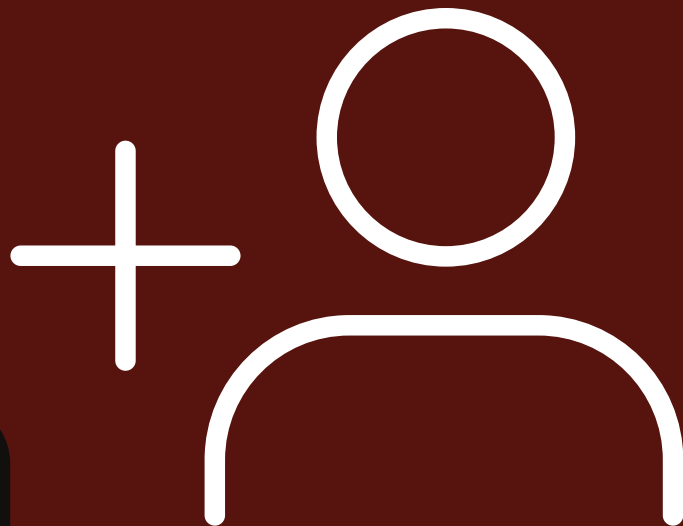
explanation

- We define a functional component **UserList** that takes a **users** prop.

- Inside the component, we use JSX to render a **<div>** containing a **<h1>** with the title "User List" and a **<ul>** for the list of users.

- We map over the **users** array and render a **<li>** for each user's name, using the **id** as the **key prop** to ensure efficient rendering.

- Finally, we export the UserList component for use elsewhere in the application.

Browser view of the output

User List

- John Doe
- Jane Doe
- Billy Doe

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@Duvvuru Kishore