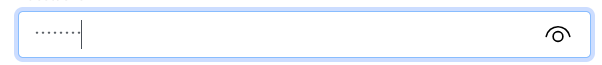
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**Test Task: Create a Password Input Component with Show/Hide Functionality**

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**Objective**:

The goal of this task is to create a reusable React component that provides a password input field with a show/hide password feature. This component should allow users to toggle the visibility of the password they enter.

**Requirements:**

1. **Component Structure**:

- Create a functional React component named `PasswordInput`.

- The component should accept the following props:

- `value` (string): The current value of the password input.

- `onChange` (function): A callback function that updates the password value.

- `placeholder` (string, optional): A placeholder for the input field.

2. **UI Elements**:

- The component should render an input field of type "password" by default.

- An icon or button should be placed next to the input field to toggle the visibility of the password.

- When the icon or button is clicked, the input type should switch between "password" and "text".

3. **Styling**:

- Ensure the component is styled appropriately. Feel free to use CSS or a CSS-in-JS solution like styled-components.

- The icon or button for toggling password visibility should be intuitive and clearly indicate its function.

4. **Functionality**:

- Implement the toggle functionality to show/hide the password when the icon or button is clicked.

- Ensure that the component works properly with modern browsers: Chrome, MS Edge, Firefox.

**Deliverables**:

1. The `PasswordInput` component implementation in a separate file (e.g., `PasswordInput.js`).

2. A sample usage of the `PasswordInput` component in an example app (e.g., `App.js`).

3. Any necessary styles or assets.

4. Use JavaScript not TypeScript

**Submission**:

Please submit your code as a ZIP file. Ensure that the code is well-documented and includes clear instructions on how to run the example app and tests.