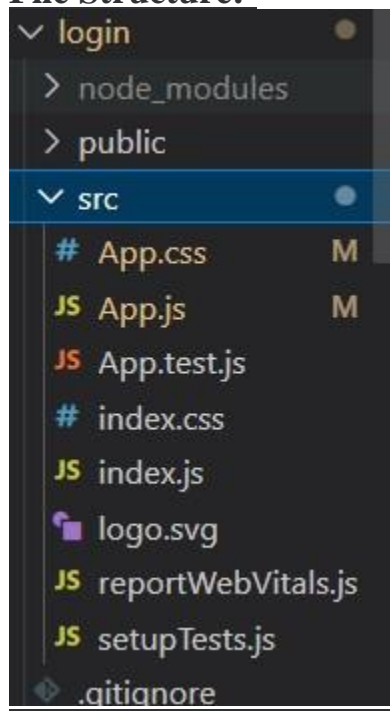


Week-8. Create a Simple Login form using React js

Now we are creating a login form which is a very important in any application or website as you know if open any website or application you will get a message to login if you click that you will be redirected to login page in this week we will be creating login page

File Structure:-



App.js

```
import './App.css';
```

```
import React, { useState } from "react";
```

```
import ReactDOM from "react-dom";
```

```
function App() {  
  // React States
```

```
const [errorMessages, setErrorMessages] = useState({ });

const [isSubmitted, setIsSubmitted] = useState(false);


// User Login info

const database = [

  {
    username: "user1",
password: "pass1"
  },
  {
    username: "user2",
password: "pass2"
  }
];


const errors = {  uname:
"invalid username",  pass:
"invalid password"
};


const handleSubmit = (event) => {
  //Prevent page reload
  event.preventDefault();
```

```
var { uname, pass } = document.forms[0];

// Find user login info

const userData = database.find((user) => user.username === uname.value);

// Compare user info

if (userData) {

  if (userData.password !== pass.value) {

    // Invalid password

    setErrorMessages({ name: "pass", message: errors.pass });

  } else {

    setIsSubmitted(true);

  }

} else {

  // Username not found

  setErrorMessages({ name: "uname", message: errors.uname });

}

};

// Generate JSX code for error message

const renderErrorMessage = (name) =>

  name === errorMessages.name && (

    <div className="error">{errorMessages.message}</div>
```

```
);
```

```
// JSX code for login form
```

```
const renderForm = (
```

```
  <div className="form">
```

```
    <form onSubmit={handleSubmit}>
```

```
      <div className="input-container">
```

```
        <label>Username </label>
```

```
        <input type="text" name="uname" required />
```

```
        {renderErrorMessage("uname")}
```

```
      </div>
```

```
      <div className="input-container">
```

```
        <label>Password </label>
```

```
        <input type="password" name="pass" required />
```

```
        {renderErrorMessage("pass")}
```

```
      </div>
```

```
      <div className="button-container">
```

```
        <input type="submit" />
```

```
      </div>
```

```
    </form>
```

```
  </div>
```

```
);
```

```
return (  
  <div className="app">  
    <div className="login-form">  
      <div className="title">Sign In</div>  
      {isSubmitted ? <div>User is successfully logged in</div> : renderForm}  
    </div>  
  </div>  
);  
}
```

export default App;

-----Now Create a App.css file in same folder-----

App.css

```
.app {  
  font-family: sans-serif;  
  display: flex; align-items:  
  center; justify-content: center;  
  flex-direction:  
  column; gap: 20px;  
  height: 100vh;
```

```
font-family: Cambria, Cochin, Georgia, Times, "Times New Roman", serif;
background-color: #f8f9fd;
}
```

```
input[type="text"],
input[type="password"] {
height: 25px;
border: 1px solid rgba(0, 0, 0, 0.2);
}
```

```
input[type="submit"] {
margin-top: 10px; cursor:
pointer; font-size: 15px;
background: #01d28e;
border: 1px solid #01d28e;
color: #fff;
padding: 10px 20px;
}
```

```
input[type="submit"]:hover {
background: #6cf0c2;
}
```

```
.button-container {  
  display: flex; justify-  
  content: center;  
}
```

```
.login-form {  background-  
  color: white; padding: 2rem;  
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);  
}
```

```
.list-container {  
  display: flex;  
}
```

```
.error {  color:  
  red; font-size:  
  12px;  
}
```

```
.title {  font-size:  
  25px; margin-  
  bottom: 20px;  
}
```

```
.input-container {  
  display: flex; flex-  
  direction: column;  
  gap: 8px; margin:  
  10px; }
```

