

Login System

1. Registration Page

Create a **User Registration Page** with the following input fields:

- **Full Name**
- **Email Address**
- **Password**
- **Phone Number**

Registration Requirements

- On form submission, the entered data must be **validated**.
- Before saving, the system must check if the **email already exists in LocalStorage**.
- If LocalStorage already contains a user with the same email:
 - Show message: "**User already exists**"
 - Do not store the data.
 - If the email is new:
- Save the user details into LocalStorage in the following format:

```
{  
  "name": "",  
  "email": "",  
  "password": "",  
  "phone": ""  
}
```
- After successful registration, display:
 - **"Registration successful!"**
 - Optionally redirect to the login page.

2. Login Page

Create a **Login Page** with the following fields:

- **Email**
- **Password**

Login Requirements

1. On clicking Login:
 - Fetch user data from LocalStorage.
 - Compare entered email & password with saved values.
2. If both email and password match:
 - Redirect user to the **Home Page**.
3. If the credentials do not match:

- Show message: "**Invalid credentials**"
 - 4. If the email does not exist in LocalStorage:
 - Show message: "**User not found**"
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3. Home Page

- Visible only after successful login.
- Display a welcome message: "**Welcome, {User Name}**"