

Task 5: Requirements for UserFormPage and UserDisplayPage

1. UserFormPage (User Input Page)

Purpose: Allows users to enter and save their email, phone number, and status.



Requirements:

- **Input Fields:**
 - Text field for **email** input.
 - Text field for **phone number** input.
 - **Radio buttons** to select user status (**Active/Deactive**).
- **Button:**
 - "Submit" button to save the entered data.
- **Local Storage:**
 - Uses **SharedPreferences** to store user details persistently.
- **Validation:**
 - Ensure valid email format.
 - Ensure phone number contains only digits and has a valid length.
 - Status selection is mandatory.

2. UserDisplayPage (User Data Display Page)

Purpose: Displays the stored user information in a structured format.

Requirements:

- **Data Presentation:**
 - Uses a **DataTable** to display email, phone number, and status.
 - **Status Icon:**
 - Green  (checkmark) for **Active**.
 - Red  (cross) for **Deactive**.
- **Data Retrieval:**
 - Fetches user data from **SharedPreferences**.
- **Error Handling:**
 - Includes mounted checks to prevent errors while retrieving data.

Summary:

- **UserFormPage** → Input and save user details.
- **UserDisplayPage** → Retrieve and display user details.
- Data is stored **locally using SharedPreferences** for persistence.