1. **Test Cases for the Modules**

**Module 1: Sign Up**

**Test Cases for Sign Up:**

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- |
| TC001 | Verify Sign-Up with valid data | 1. Navigate to the Sign Up page. 2. Enter valid details in all fields (Name, Email, Password, Confirm Password). 3. Click the Submit button. | User should be successfully registered, and redirected to the SignIn page. | Pass/Fail |
| TC002 | Verify Sign-Up with invalid Name format | 1. Navigate to the Sign Up page. 2. Enter wrong name(digits/special characters, etc). 3. Fill out other required fields. 4. Click the Submit button. | An error message should appear, indicating invalid name format. | Pass/Fail |
| TC003 | Verify Sign-Up with invalid email format | 1. Navigate to the Sign Up page. 2. Enter an invalid email format. 3. Fill out other required fields. 4. Click the Submit button. | An error message should appear, indicating invalid email format. | Pass/Fail |
| TC004 | Verify Sign-Up with MobileNumber format | 1. Navigate to the Sign Up page. 2. Enter invalid mobile number. 3. Fill out other required fields. 4. Click Sign Up. | Error message should appear, indicating invalid Mobile number. | Pass/Fail |
| TC005 | Verify Sign-Up with empty required fields | 1. Navigate to the Sign Up page. 2. Leave all fields empty or some required fields empty (e.g., Email, mob no). 3. Click Sign Up. | An error message should appear, indicating that the required fields cannot be empty. | Pass/Fail |

**Module 2: Forgot password**

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- |
| TC006 | Verify Forgot Password with mob/email | 1. Navigate to the Forgot Password page. 2. Enter a valid email address/mob no. 3.click on submit button. | After clicking on submit button it opens reset password page and also send OTP. | Pass/Fail |
| TC007 | Verify Password reset page | 1. Navigate to the Forgot Password page. 2. Enter OTP sent by system. 3.Reset password and also re-enter it in confirm password".  4.Click on submit button. | It gives successfully create password. | Pass/Fail |

**Test Cases for forgot password:**

**Module 3: Sign In with OTP**

**Test Cases for Sign In with OTP:**

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- |
| TC008 | Verify Sign in with valid OTP | 1. Navigate to the Sign In page. 2. Enter valid credentials. 3. Click "SignIn with OTP". 4. Enter the OTP received on your phone/email. 5. Click "Submit". | User should be successfully logged in and redirected to the dashboard/home page. | Pass/Fail |
| TC009 | Verify Sign in with incorrect OTP | 1. Navigate to the Sign In page. 2. Enter valid credentials. 3. Click "SignIn with OTP". 4. Enter an incorrect OTP. 5. Click "Submit". | An error message should appear indicating that the OTP is incorrect. | Pass/Fail |

**Module 4: Login**

**Test Cases for Login:**

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- |
| TC010 | Verify Login with valid credentials | 1. Navigate to the Login page. 2. Enter valid email/mob no. and password. 3. Click "Login". | User should be logged in and redirected to the home/dashboard page. | Pass/Fail |
| TC011 | Verify Login with invalid username | 1. Navigate to the Login page. 2. Enter an invalid email/mob no. and correct password. 3. Click "Login". | An error message should appear indicating invalid credentials. | Pass/Fail |
| TC012 | Verify Login with invalid password | 1. Navigate to the Login page. 2. Enter a valid email/mob no. and incorrect password. 3. Click "Login". | An error message should appear indicating invalid credentials. | Pass/Fail |
| TC014 | Verify Login with empty fields | 1. Navigate to the Login page. 2. Leave both the email/mob no. and password fields empty. 3. Click "Login". | An error message should appear, indicating that the fields cannot be empty. | Pass/Fail |

**2.Validation for Each Field**

**Sign Up Form Fields:**

* **Name**: Must be a valid email format (e.g., digits can not acceptable.).
* **Country**: Proper country should selected from given dropdown list.
* **Mobile number**:10 digits number only .

**Forgot Password Form Fields:**

* **Email**: Must be a valid registered email in the system.

**OTP Sign-In:**

* **Phone Number**: Must be a valid phone number (e.g., 10 digits).
* **Email**: Must be a valid registered email in the system.
* **OTP**: Should be exactly 4 digits (auto-expiry after 5 minutes, if implemented).

**Login Form Fields:**

* **Phone Number**: Must be a valid phone number (e.g., 10 digits).
* **Email**: Must be a valid registered email in the system.
* **Password**: Should be a minimum of 6 characters, and case-sensitive.

**3.Bugs**

| **Bug ID** | **Summary** | **Steps to Reproduce** | **Expected Result** | **Actual Result** |
| --- | --- | --- | --- | --- |
| BUG001 | Show message when invalid Name is entered | 1. Go to Sign Up page. 2. Enter an invalid Name (e.g., 6677,it also takes space). 3. Click "Sign Up". | Should show an error message indicating "Invalid Name." | No error message appears. |
| BUG002 | Show message when wrong Mobile number is entered | 1. Go to Sign Up page. 2. Enter an wrong mob no. (e.g., 1234). 3. Click "Sign Up". | Should show an error message: "Please enter 10 digits." | No error message appears. |
| BUG003 | Add customer fails when mob no. is invalid | 1. Go to Add Customer page. 2. Enter an wrong mob no. (e.g., 1234). 3. Click "Save". | Should show an error message: "Please enter 10 digits." | No error message appears; customer add successfully. |