**Test Plan**

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Test Type & Test Type ID: White Box - 02

**Requirement Addressed**

Assess if the code logic of the redesigned Login Screen, including improved segmented button functionality and dynamic resizing behavior for the login and signup forms are correct.

**Objective**

To ensure the redesigned Login Screen functions correctly, with proper handling of segmented button interactions and UI responsiveness.

**Test cases**

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| --- | --- | --- | --- | --- | --- |
| **Description** | **Input field** | **Input value** | **Expected Output** | **Actual Output** | **Pass/Fail** |
| Verify the segmented button transitions correctly between the login and signup forms. | * seg\_btn.on\_press * card\_manager.current | "user\_login" or "user\_signup" | * Selecting ‘Log In’ transitions to the login screen. * Selecting ‘Sign Up’ transitions to the signup screen. |  |  |
| Verify the dynamic resizing behavior of the login\_card based on the selected form. | login\_card.size\_hint | * "Log In": (0.35, 0.5) * "Sign Up": (0.35, 0.65) | The login\_card dynamically resizes to the correct dimensions depending on the form selection. |  |  |
| Verify that the login button clears input fields after a login attempt. | * login\_textfield.text * login\_passfield.text | Any input value | Both fields are cleared after the on\_press event of the login button is triggered. |  |  |
| Verify that the signup button clears input fields after a signun attempt. | * signup\_textfield.text * signup\_passfield.text * signup\_cfpassfield.text | Any input value | All fields are cleared after the on\_press event of the signup button is triggered. |  |  |
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