**Test Plan**

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Commit ID: 016cbdcd561fe8fe7a4d3d739bc61de26d8c8842 Date conducted: Nov 29, 2024, 9:19 PM

Test Type & Test Type ID: White Box - 03

**Requirement Addressed**

Verification of the initialization, interaction, and transition functionality for login and signup dialogs.

**Objective**

Ensure that the login and signup dialogs are initialized correctly, transition smoothly, and interact with the application.

**Test cases**

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| **Description** | **Input field** | **Input value** | **Expected Output** | **Actual Output** | **Pass/Fail** |
| Verify the initialization of the login screen components. | LoginScreen@Screen | Application startup | Login screen initializes with video background playing in a loop and all UI components (labels, cards, buttons) displayed correctly. | The login screen initializes successfully, with the video background playing in a loop and all UI components (labels, cards, buttons) displayed correctly. | Pass |
| Ensure the login dialog accepts and processes user input correctly. | show\_success\_dialog() | Valid and invalid login credentials | Correct handling of user input with appropriate feedback for successful login or error messages for invalid input. | The login dialog correctly handles user input, providing appropriate feedback for successful login or error messages for invalid input. | Pass |
| Verify the signup dialog accepts and processes user input correctly. | show\_success\_dialog() | Valid and invalid Signup credentials | Correct handling of user input with appropriate feedback for successful signup or error messages for invalid input. | The signup dialog correctly handles user input, providing appropriate feedback for successful signup or error messages for invalid input. | Pass |
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