Login Screen

**Test case 1:** Valid Login

* Enter a valid email address.
* Enter a valid password.
* Click the "Log In" button.

Result: The user should be successfully logged in and redirected to the main menu.

**Test Case 2:** Invalid Email address

Test Steps:

* Enter an invalid email address.
* Enter a valid password.
* Click the "Log In" button.

Result: The app should display an error message indicating that the email address is not invalid.

**Test Case 3:** Incorrect Password

Test Steps:

* Enter a valid email address.
* Enter an incorrect password.
* Click the "Log In" button.

Result: The app should display an error message indicating that the password is incorrect.

**Test Case 4:** Empty Email and Password

Test Steps:

* Leave both email and password fields empty.
* Click the "Log In" button.

Result: The app should display an error message indicating that both the email and password fields are required.

Sign-Up Screen

**Test Case 1:** Successful Account Creation

Test Steps:

* Click the "Sign Up" button.
* Enter a valid email address.
* Enter a valid password.
* Confirm the password.
* Click the "Create Account" button.

Result: The app should create the new account and redirect the user to the main menu.

**Test Case 2:** Password Mismatch

Test Steps:

* Enter a valid email address.
* Enter a valid password.
* Confirm the password with a different password.
* Click the "Create Account" button.

Result: The app should display an error message indicating that the password confirmation does not match the password.

**Test Case 4:** Existing Email Address

Test Steps:

* Enter an email address that already exists in the database.
* Enter a valid password.
* Confirm the password.
* Click the "Create Account" button.

Expected Result: The app should display an error message indicating that the email address is already in use. It should prompt the user for a new email address while erasing the existing one.

**Test Case 5:** Incomplete Form

Test Steps:

* Leave the email and password fields empty.
* Click the "Create Account" button.

Expected Result: The app should display error messages indicating that the required fields are empty.