

Test Case Planning

Group members	Sameer, Devin, Michael, Gladys, Steve, Naol
---------------	---

1. Use Case 1 - *User Authentication*

Test Case ID	TC01 - Successful Login
Test Objective	Verify that the system allows access when a user enters the correct username and password.
Preconditions	The user is registered in the system with a valid username and password.
Test steps	<ol style="list-style-type: none">1. Open the app's login screen.2. Enter the registered username and correct password.3. Click the "Login" button.
Input Values	Username: validUser123 Password: correctPassword!
Expected results	The system verifies the credentials and grants access to the user dashboard.

Test Case ID	TC02 - Incorrect Password
Test Objective	Verify that the system denies access when a user enters an incorrect password.
Preconditions	The user is registered in the system with a valid username.
Test steps	<ol style="list-style-type: none">1. Open the app's login screen.2. Enter the registered username and an incorrect password.3. Click the "Login" button.
Input Values	Username: validUser123 Password: wrongPassword
Expected results	The system displays an error message indicating that the password is incorrect and denies access.

Test Case ID	TC03 - Non-Existent User
Test Objective	Verify that the system denies access when a user enters a username that is not registered in the system.
Preconditions	The username does not exist in the system.
Test steps	<ol style="list-style-type: none">1. Open the app's login screen.2. Enter a username that is not registered and any password.3. Click the "Login" button.
Input Values	Username: nonExistentUser, Password: anyPassword
Expected results	The system displays an error message indicating that the username is not recognized and denies access.

Test Case ID	TC04 - Empty Input
Test Objective	Verify that the system prompts the user to fill in required fields if the username or password fields are left empty.
Preconditions	The login screen is open.
Test steps	<ol style="list-style-type: none">1. Open the app's login screen.2. Leave the username and/or password field empty.3. Click the "Login" button.
Input Values	Username: Password:
Expected results	The system displays an error message prompting the user to enter both a username and password before proceeding.