**Compliplenty Android Application**

**Test Plan**

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**Introduction**

This application will be extensively tested to ensure quality and performance for the users. Our goal is to locate any existing bugs in the code and correct them.

**Constraints**

Constraints include limited use of android programming software and limited number of android devices to use for testing.

**Approach**

The type of testing we are using for this mobile application is manual black box testing. Black box testing is used to test the input/output behavior of each test case.

**Roles References**

The Requirements Analysis Document (RAD) is available on the mobile application website.

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**Test Cases Test Case ID TC01 “Splash Screen”**

**Summary** Verify that when the app is not loaded in memory the splash screen is displayed for a brief period of time and the Login screen is displayed after the splash screen.

**Prerequisite** The application is not loaded in memory.

**Instructions** Perform the following actions.

**Test Data and Expected Results**

1. Click on the app icon on the phones application screen.

RESULT: The app should show the splash screen. It should go directly to the Login screen.

**Test Case ID TC02 “No Splash Screen”**  
**Summary** Verify that when the app is currently loaded in memory and a user is not

logged on, the splash screen is not displayed and the Login screen is loaded. **Prerequisite** Load the app, then press the phones home button. **Instructions** Perform the following actions.  
2. Click on the app icon on the phones application screen.

RESULT: The Login screen should appear without the Splash screen appearing.

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**Test Case ID TC03 “Logging in”**  
**Summary** Verify that a the Facebook API works correctly and sends the users login

information to our app.

**Prerequisite** The user has to have an Facebook account, and must have allowed Facebook to share with the app

**Instructions** Hit the log in button on the home screen

**Test Data and Expected Results**

We will fill in when we start testing

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**Test Case ID TC04 “Go to Gallery”**

**Summary** Opens the photo Gallery to select photos

**Prerequisite** The user has to allow the app to access their photo gallery and have photos

**Instructions** Hit the Photo button

**Test Data and Expected Results** We will fill in when we start testing

**Test Case ID TC05 “Open Camera”**

**Summary** allows user to open camera and take pictures to submit

**Prerequisite** the user must allow the app to access their camera and gallery

**Instructions** hit the camera button

**Test Data and Expected Results**

We will fill in when we start testing