**Compliplenty Android Application**

**Test Plan**

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**February 15th, 2017**

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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**

Started the app without network. Screen popped up saying you need network accessibility to use app

Started the app with network capabilities. The app loaded and logged on to Facebook automatically.

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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**

Hit the button, and the app goes directly to the gallery app in your phone so you can choose what picture to use as your profile picture.

**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**

When opening the camera presses the take picture button. The camera screen comes up and you are allowed

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to take a picture that will be saved as your profile picture.

Test Case ID TC06 “Random Compliment”

Summary gives user a random compliment after each press of the button

Prerequisite the user must have internet connection and already have the app on their phone

Instructions press the random compliment button

Test Data and Expected Results

After pressing the random compliment button, a new and different compliment shows up every time

Test Case ID TC07 “Questionnaire compliment”

Summary If the user wants an “ice breaker” they can use this to generate a compliment that is unique to the person who is receiving the compliment

Prerequisite the user must have internet connection and already have the app on their phone

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Instructions press the questionnaire compliment button and fill out the questions about the person in context

Test Data and Expected Results

After filling out the Questionnaire the user is given unique compliments that go with their answers to the different questions

Test Case ID TC08 “Changing profile picture”

Summary If the user wants change the profile picture they have a place to do that

Prerequisite The user must already have an account in the app

Instructions go to the profile section of their app and then hit the edit profile button and then select to edit their profile picture

Test Data and Expected Results

When editing the profile the user selects a new picture and the picture is saved as their new profile picture and is displayed on their profile