**Perp Finder 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 exiting 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

**Test Environment & Tools**

This app will be tested inside using the Black Box method

**Approach**

I will be using a manual black box testing. This will help me to test the input/output behavior of each test case

**References**

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

**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**

Will be updated when tested.

**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** Preforms the following actions.

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

**Test Data and Expected Results**

Will update when tested.

**Test Case ID TC03 “Loggin in”**

**Summary** Make sure that the database is updated and logs in user

**Prerequisite** The user has to have an account

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

**Test Data and Expected Results**

Will update when tested

**Test Case ID TC04 “Open Camera”**

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

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

**Instructions** hit the camera button

**Test Data and Expected Results**

Will update when tested

**Test Case ID TC05 “GPS Locator Screen”**

**Summary** gives users a chance to search their area for sex offenders and pedophiles

**Prerequisite** Must allow the app to access location services on their phone

**Instructions** press the search button and look up your zip code

**Test Data and Expected Results**

Will be updated when tested

**Test Case ID TC06 “Report Page”**

**Summary** allows user to send a report directly to the police department

**Prerequisite** Must have data or internet access

**Instructions** press the Report button

**Test Data and Expected Results**

Will be updated when tested