Stock Application

Test Plan

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**Introduction**

The purpose of testing this mobile application is to make sure it is working properly before presenting it to our clients for use. Our goal is to get all the bugs out of the program so that it will run the way it was designed to run.

**Constraints**

One constraint that we have is that the members of the Quality Control Team don’t have extensive programming experience with Android. Another constraint is that we only have two phones to work with to test the application.

**Test Items & Environment**

**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**

Dylan McGraw: Manager of the team and in charge of writing up everything but the test cases for this document (Introduction, Constraints, Test Items & Environment, Approach, Roles, Schedule, and References). Dylan’s role in the testing process is to manage the team and assign code to members to test. Paul Rachner: Team member in charge of writing the other half of the test cases for this document (Splash Screen, Create Account, Login, View Main Screen, Load Excursion, Start Recording Route, and Add Observation). Paul’s role in the testing process is to test the code that was passed down from the App development team. Brandon Larsen: Team member in charge of writing half of the test cases for this document (View Observation, Edit Observation, Stop Recording Route, Edit Excursion, Save Excursion, Logout, and Exit). He was also responsible for finding a free bug tracking software. Brandon’s role in the testing process is to test the code that was passed down from the App development team

**Schedule**

Wednesday, November 12- Complete Test Case document

Once the Test Case document is completed, the Quality Control team will be getting training

from App Development team on how to install the application via the website.

After this document is complete, we are going to test for bugs in the code on a weekly basis or as

often as needed. The App Development team will pass along their code to the Quality Control

team manager. The code will then be passed down to the members of the Quality Control team to

test the code for bugs.

Wednesday, December 3- Have the bug free application ready to present to the clients

**References**

**Test Cases**

**Test Case ID TC001**

**Summary**

**Prerequisite**

**Instructions**

**Test Data and Expected Result**