

Project 5 Test Document Submission

Introduction

The purpose of the test document is to describe to the client a way to prove that the system created works according to description and is without bugs. The testing plan will be used to find errors in the system by testing each individual module/package first before testing the system as a whole. The errors will be able to tell us where the error occurred and in the case where there are no errors we will also make sure that all outputs and intended actions are in line with the clients expectation.

Schedule

Testing is already underway. As individual methods or functions are completed, tests are written and executed. Individual module tests are set to be written by November 24, in advance of integration. Whole program or integration tests will be run prior to December 5.

Testing Description

Our strategy for testing *Kodename* is to assign each team member a package they worked on to test. First we will test each package in an isolated environment, i.e. test before complete top-down integration between packages. We may choose to create JUnit tests for each module to accomplish this. Testing in this manner allows us to ensure that each module is correct before we integrate them together thereby allowing for fewer bugs that affect multiple components and may be difficult to debug.

We will design and implement comprehensive tests that simulate a complete user session or experience with the program. These tests will assist us in finding integration bugs.

Testing Responsibilities

Stephen Chung	Control
Isaac Tyan	Control
Benjamin Salah	Model
Miracle Okubor	View
Joe Ancona	View