TEST PLAN

Name of the Product: Icing sa Ibabaw ng Cupcake Calculator

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I. INTRODUCTION

This test plan describes the testing approach used in Love Calculator application. Functionalities include:

1. Client/s connecting to a server
2. Client sending 2 names as input to server
3. Server choosing an algorithm for computing compatibility
4. Server computing the compatibility of 2 names and sending results back to client

II. OBJECTIVES AND TASKS

A. **Objectives**

The objective of the tests is to verify that the functionality of the Love Calculator application works according to the specification provided.

B. **Tasks**

The tests will verify the functionality of 2 calculators used in the Love Calculator application in the server side as well as the validity of the inputted names in the client side. It will also test the adherence of the application to the specifications.

III. TESTING STRATEGY

A. **Unit Testing**

1. **Purpose:** Unit testing will be performed by verifying the specific functionalities of the Love Calculator.
2. **Scope:** Functionality of Flames Calculator, True Love Calculator, and input validity of names from the client side
3. **Testers:** Joni Marie Jimenez, James Reynald Mase
4. **Methodology:** Identifying the correct and incorrect output given certain input.

IV. HARDWARE REQUIREMENTS

A. Computers (at least 2) with java version 1.8.x installed

V. WORKSTATION

A. Operating System command line / terminal

VI. FEATURES TO BE TESTED

A. **Flames Calculator**
1. Same Name
2. Test Strings

B. **True Love Calculator**
1. No Matching Letters
2. First/Second Name longer than 10 characters

3. Test Strings

VII. RESOURCES and ROLES/RESPONSIBILITIES
   A. **James (Developer)**
      1. Flames Calculator and Tests
   B. **Joni (Developer)**
      1. True Love Calculator and Tests
      2. Threads

References:

http://www.softwaretestinghelp.com/how-to-write-test-plan-document-software-testing-training-day3/
http://www.softwaretestinghelp.com/test-plan-sample-softwaretesting-and-quality-assurance-templates/