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Proposal for
Calculator App

Submitted by:

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Introduction

This is a proposal of developing and quality assurance testing of a simple **Calculator** app for Android users. Initially we have implemented the basic and obvious features of a Calculator. Our primary focus is in unit testing the basic features and methods of the whole app. Further we are planning to go for Test Driven Development to extend the present development, if possible after doing the unit tests of the basic features.

Background and Product Context

This calculator app is we choose to work with was developed about 5-6 months ago as a test project. This app is based on Android platform and has the basic functionalities (i.e. Addition, Subtraction, Multiplication, and Division) of a calculator. As an Android app we choose to implement its full backend using Java. It has a user interface which seems very simple to its users.

Project Objectives

We are looking forward to attempting the following tasks as project objective:

1. Unit testing each JAVA methods implemented in the existing project using JUnit.
2. Developing a complete test suite.
3. Catching the uncaught exception.
4. Module testing.
5. Fixing out the existing bugs after unit testing.
6. Extending the features the existing project implementing TDD (secondary objective)