**CALCULATOR**

**SOFTWARE REQUIREMENT SPECIFICATION**

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**Introduction**

* 1. **Purpose**

The purpose of this document is to describe the requirement specification for a calculator and to inform readers of the significant details and background of our project. This project is stimulating the basic algebraic and trigonometric calculation.

These basic algebraic functions will include addition, subtraction, division, and multiplication. The calculator will also be able to compute the power, sine, and cosine, tangent, exponential, logarithm, natural logari6thm and square root functions.

* 1. **Project scope**

The scope of this project includes the implementation of the functionality needed for calculating arithmetic and scientific operations.

The software products will be interactive with the client, in which they allow him/her to choose all of the options from the first display screen.

* 1. **Intended Audience and Reading Suggestions**

This document is intended for any user wishing to understand the underlying concepts in the software developed for scientific Calculator.

**1.4 Details of requirement gathering process**

Requirements were gathered from the study of existing open source projects over the internet.

**Overall Description**

**2.1 Product Perspective**

Arithmetic, trigonometric and algebraic operations are supported. Enter numbers either by clicking on the buttons or using the keyboard.

**2.2 User Classes and Characteristics**

This features provided by the calculator, include all features of a typical calculator.

USERS

Scientific

Student

Technical