

# **Software Requirements Specification**

for

***Calculator App***

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Version: 1.0**

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# 1. Introduction

*Sections of the introduction will define important details about the application in general. It will include system requirements and limitations as well as the purpose of the SRS document.*

## 1.1 Purpose

*The purpose of this Software Requirements Specification (SRS) is to provide a detailed description of the functionalities of the Calculator Application.*

## 1.2 Delivery / System Requirements

*To deliver the application for grading, it will be submitted to D2L as a zipped file. The latest version can always be found on [github.com/danrichmond/calculator](https://github.com/danrichmond/calculator). The iOS app was developed using Xcode 9.1 and Swift 4.0. The deployment target is iOS 11.*

## 1.3 Definitions, Acronyms, and Abbreviations

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## 1.4 References

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## 1.5 Overview

*The differentiating feature of this calculator application is that it will be able to save calculations in long term memory. This prevents the users' from having to recalculate previously calculated calculations.*

# Software Requirements Specification (SRS)

## 2. Description

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### 2.1 Product Perspective

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### 2.2 Product Functions

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### 2.3 User Characteristics

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### 2.4 Constraints

*The application is being developed for iOS 11, it may not be optimized for older iOS versions.*

### 2.5 Assumptions and Dependencies

*Target is iOS 11. Written using Swift 4.0 in Xcode 9.1.*

### 2.6 Apportioning of Requirements

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## 3. Functional Requirements

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3.2 Section Title Here

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3.3 Section Title Here

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## **4. Non-Functional Requirements**