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| A picture of a winding road and trees  Software Requirements Specifications Document For <Project> | by  David Terry  Min Meng  Ryan Abbott  Robbie Evans III  Grand Canyon University  22November2016 |
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Contents

# *Introduction 1*

* 1. **Purpose**

The purpose of this document is to define and describe the requirements for <project> -- to include a detailed description of functional, data, performance, usability requirements.

* 1. **Document Conventions**
  2. **Intended Audience and Reading Suggestions**

This document is intended for the users of the system (employees of <business>) and the developers (members of the GCU CST116 Development Team). Constraints include the deadline for the document on 27Nov2016.

* 1. **Project Scope**

The <Project> is an inventory management system capable of sorting, tracking, reporting, and otherwise managing inventory items, in order to streamline the inventory process and maximize profitability.

* 1. **Business Context**

// <Business> is a… Type of target business is needed here…

* 1. **Abbreviations, Acronyms, Definitions**

//1.6 and 1.7 are for any clarifications in language that we need

* 1. **References**

# *Product Overview*

# **Product Functions**

<Project> is a self-contained, standalone system that allows the user to input and remove items, keep count of items, sort items according to quantity and type, and run various dated and timed reports. System should adjust count automatically as items are added or removed.

* 1. **Product Features**

// suggestions for features

* 1. **User Classes and Characteristics**

The user class embodies all employees and administrators of <business>. All employees will be able to fully navigate the system with the exception that Administrators will hold the high-level privilege of purging the inventory.

* 1. **Operating Environment**

System should operate across all non-mobile platforms.

# **Design Constraints**

//suggestions for constraints

* 1. **User Documentation**

//this is where manuals, online assistance, training methods would be referenced. Suggestions?

# 3 ***Functional Requirements***

## **3.1 Statement of Functionality**

<Project> will permit the <business> to seamlessly manage their inventory via user interface controls.

* FR(0) : The user should be able to add and delete items on demand.
* FR(1) : The system should automatically add and remove items as they are taken or added to inventory based ordering or history.
* FR(2) :Program should track product use for reporting and reordering purposes.
* FR(3) :Administrator should be able to purge inventory items; access is restricted via password protection.
* FR(4) : User should be able to search for items based on name, quantity, or type.
* FR(5) : User should be able to run reports on demand.
* FR(6) : // OPEN TO ANY SUGGESTIONS ON FURTHER REQUIREMENTS..

# **3.2**

# ***4 Interface Requirements***

## **4.1 GUI**

User interface will be based on Microsoft

## **4.2 Command Line Interface**

No command line interface for this project.

## **4.3 Communications Interface**

## **4.4 Software Interface**

## **5.0 Appendix**