

# Software Requirements Document

for

## Community Project Tracking

CS 472

**Draft 0.1**

*Prepared by:*

Tim Grediagin

Devin Jones

Brent Mello

Blake Eggemeyer

February 16, 2012

# Contents

0.1	Purpose . . . . .	2
0.2	Scope . . . . .	2
0.3	Definitions . . . . .	2
0.4	Definitions . . . . .	2
0.5	References . . . . .	2
0.6	Revision tracking: . . . . .	2
<b>1</b>	<b>Overall description</b>	<b>2</b>
1.1	Product functions . . . . .	2
1.2	User Characteristics . . . . .	3
1.3	Constraints . . . . .	3
1.4	Assumptions and Dependencies . . . . .	3
1.5	Apportioning of requirements . . . . .	3
<b>2</b>	<b>Specific requirements</b>	<b>3</b>
2.1	Functional requirements . . . . .	3
2.1.1	Store Data . . . . .	3
2.1.2	Generate summary reports . . . . .	3
2.1.3	Interactions . . . . .	3
2.2	Non-functional requirements . . . . .	3
2.2.1	Intuitive input format . . . . .	3
2.3	Performance requirements . . . . .	3
2.4	Software system attributes . . . . .	3

## 0.1 Purpose

## 0.2 Scope

## 0.3 Definitions

1. **GUI:** Acronym for Graphical User Interface. Used to refer to the look and feel the user experiences.
2. **Immediately:** Immediately refers to actions that will begin as soon as the user has given the input for the action to occur.
3. **Should:** Requirements with this marker are desired, but not crucial, and will be a part of the final deliverable contingent on time and progress.
4. **TBD:** Acronym for To Be Determined. This is used in this document to signify that the information necessary for a part of this document is "To Be Determined".
5. **User:** The person, or persons, who operate or interact directly with the product.
6. **Will:** Requirements with this marker are guaranteed to be in the final delivered product.

## 0.4 Definitions

1. **Program:**
2. **Project:**
3. **Task:**
4. **Tool/Equipment:**

## 0.5 References

Written with the IEEE Recommended Practice for Software Requirements Specifications as a reference and guide. The Tsunami SWR and RPC Donor SWR were referenced to find appropriate wording for some sections.

## 0.6 Revision tracking:

0.1	Feb 10	Document constructed.
-----	--------	-----------------------

# 1 Overall description

## 1.1 Product functions

1. TBD

## **1.2 User Characteristics**

## **1.3 Constraints**

## **1.4 Assumptions and Dependencies**

1. **Language:** The interface for the user is in English.
2. **Platform:**

## **1.5 Apportioning of requirements**

# **2 Specific requirements**

## **2.1 Functional requirements**

### **2.1.1 Store Data**

2.1.1.1 —: —

### **2.1.2 Generate summary reports**

2.1.2.1 —: —

### **2.1.3 Interactions**

2.1.3.1 —: —

## **2.2 Non-functional requirements**

### **2.2.1 Intuitive input format**

2.2.1.1 —: —

## **2.3 Performance requirements**

## **2.4 Software system attributes**