

# **Software Requirements Document**

**for**

# **Community Project Tracking**

**CS 472**

**Draft 0.1**

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# 1 Introduction

## 1.1 Purpose

This Software Requirements Document for Community Project Tracking is for use by the customer and development team. This document is a formal listing of the functional and non-functional requirements of the Community Project Tracking system.

## 1.2 Scope

The Community Project Tracking software will assist users in the storing and summary of various activity data.

## 1.3 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.

## 1.4 Definitions

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

## 1.5 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.

## 1.6 Revision tracking:

0.1	Feb 10	Document constructed.
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## 2 Overall description

### 2.1 Product functions

1. TBD

### 2.2 User Characteristics

### 2.3 Constraints

### 2.4 Assumptions and Dependencies

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

### 2.5 Apportioning of requirements

## 3 Specific requirements

The requirements are listed and ordered in a priority list so that their order can be changed at a later date without the section numbers needing to be changed and to allow listing of the priorities in one location.

#### Priority List

1	3.1.1	Store data regarding operations
2	3.1.2	Generate summary reports of the data that has been gathered
3	3.1.3	Take steps to prevent malicious tampering
4	3.2.1	Highly usable interface
5	3.1.4	Prevent loss or corruption of data
6	3.2.2	Runs on existing platform

### 3.1 Functional requirements

#### 3.1.1 Store Data

3.1.1.1 —: —

#### 3.1.2 Generate summary reports

3.1.2.1 —: —

### **3.1.3 Security**

3.1.3.1 —: —

### **3.1.4 Backups**

3.1.4.1 —: —

## **3.2 Non-functional requirements**

### **3.2.1 Intuitive input format**

3.2.1.1 —: —

### **3.2.2 Runs on an existing platform**

Available system is Windows 2003 server.

3.2.2.1 —: —

## **3.3 Performance requirements**

## **3.4 Software system attributes**