

Software Requirements Document

for

Community Project Tracking

CS 472

Draft 0.1

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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.
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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

The functional requirements are listed in order of importance.

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