# ChronoTimer 1009 Requirements Specification

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## Project Team:

Adam Permann – Developer

Cooper Patton – Developer

Aaron Kroupa – Developer

Austin Sonderman – Developer

Jeremy Frederick Le Veque – Developer

## Document Author(s):

Adam Permann – Developer

## Customer Representative(s):

Unknown???

# I. Introduction

The requirements document specifies the services that the system will provide and the constraints under which the system must operate.

# II. Functional Requirements

Enumerate all functional requirements in this section. It is generally a good idea to organize the functional requirements according to the modules into which the system architect has decomposed the system. Don't forget to provide traceability information such as where the requirement originated and a unique identifier, what the priority is, a definition of different priority levels, how stable the requirement is, and a definition of different stability levels.

*Example*:

V.1. Title

V.1.1.

The system shall ….

Origin:.

Priority: X Stability: X

# III. Nonfunctional Requirements

Enumerate all nonfunctional requirements in this section. Again, it is best to organize the

nonfunctional requirements according to the modules into which the system has been

decomposed by the system architect. Don't forget to provide traceability information

such as where the requirement originated and a unique identifier, what the priority is, a

definition of different priority levels, how stable the requirement is, and a definition of

different stability levels.

*Example*:

VI.1. Title

VI.1.1.

.

Origin:.

Priority: 3 Stability: 1

# IV. Constraints

Enumerate all constraints.

# V. Requirements Dependency Traceability Matrix

Provide a cross-reference matrix showing related requirements as shown in the example

below. The matrix is used to identify dependencies between requirements to identify

when one requirement must be completed before another can be implemented.

Is dependent on requirement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | REQ 1 | REQ 2 | REQ 3 | REQ 4 |
| REQ 1 | X |  |  |  |
| REQ 2 |  | X |  |  |
| REQ 3 |  |  | X |  |
| REQ 4 |  |  |  | X |

# VI. Development and Target Platforms

Describe in full detail the expected development and target platforms including software/hardware types, versions, and so on.

# VII. Project Glossary

Define any terms that are used throughout the requirements document. There will be many domain terms that have specific meaning in context. It is important to have all these terms defined in one place so that their meaning is clear to all readers.

# VIII. Document Revision History

This section includes a list of significant changes that have been made to this document after the 1.0 version has been submitted for assessment. The revision history should contain a dated list of revisions to the document consisting of: the date of each change, the person responsible for the change, and a description of the change. You should be able to trace changes to the individual who completed the modification. Changes are to be listed in reverse chronological order, recording the following information for changes:

|  |  |
| --- | --- |
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