

Software Requirement Specification

for

Function 9: Power Function

Version 1.0

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1 Introduction

1.1 Purpose

This section describe the purpose of this SRS Describe intended audience

1.2 Scope

Identify software product Enum what the system will and will not do Describe user classes and benefits for each

1.3 Definitions. Acronyms, and Abbreviations

Define the vocab of SRS

1.4 References

List referenced documents

1.5 Overview

Describe content of rest of SRS Describe how SRS is organized.

2 Overall Description

2.1 Product Perspective

Present business case and operational concept of system. Describe how the proposed system fits into the business context Describe external interfaces: system, user, hardware, software, communication Describe constraints: memory, operational, site adaptation

2.2 Product Functions

Summarize the major functional capabilities Include the Use Case Diagram and supporting narrative Include Data Flow Diagram if appropriate

2.3 User Characteristics

Describe and justify technical skills and capabilities of each user class

2.4 Constraints

Describe other constraints that will limit developer's options; e.g., regulatory policies; target platform, database, network software and protocols, development standards requirements.

2.5 Assumptions and Dependencies

3 Specific Requirements

Examples: GUI screens, file formats

3.1 External Interfaces

Include detailed specifications of each use case, including collaboration and other diagrams useful for this purpose

3.2 Functions

Include: Types of information used Data entities and their relationships

3.3 Performance Requirements

Should include: Standards compliance Accounting & Auditing procedures

3.4 Logical Database Requirement

3.5 Design Constraints

3.6 Software System Quality Attribute

3.7 Object Oriented model

The main body of requirements organized in a variety of possible ways Architecture Specification Class Diagram State and Collaboration Diagrams