Functional Spec

Project Information

Project Name:	<project name>
Author:	<name>
Organization:	<company/organizaton>
Project Version:	<v1.0>
Spec Version:	<v1.0>
Date of Current Spec:	<YYYYMMDD>

Table of Contents:

1. Introduction

1.1 Objective:

<1 or 2 line description of the purpose of this document>

1.2 Project Scope:

<Short description of software being specified and its purpose/goals.>

1.3 Intended Audience:

<Developers, project managers, marketing staff, users, testers, etc.>

1.4 References:

<Other documents or Web addresses>

1.5 Document Revision History:

<date> - <version> - <author>	<desc of changes>

2. Overall Description:

2.1 Product Perspective:

<The context and origin of the product being specified. State whether this product is a follow-on member of a product family, a replacement for certain existing systems, or a new, self-contained product. If the it is a component of a larger system, relate the requirements of the larger system to the functionality of this software and identify interfaces between the two. A simple diagram that shows the major components of the overall system, subsystem interconnections, and external interfaces can be helpful.>

2.2 Product Features:

<Summarize the major features the product contains or the significant functions that it performs or lets the user perform.>

2.3 User Classes and Characteristics:

<Identify the various user classes that you anticipate will use this product. User classes may be differentiated based on frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, or experience. Describe the pertinent characteristics of each user class.>

2.4 Operating Environment

<Describe the environment in which the software will operate, including the hardware platform, operating system and versions, and any other software components or applications with which it must peacefully coexist.>

2.5 Design and Implementation Constraints

<Describe any items or issues that will limit the options available to the developers. These might include: corporate or regulatory policies; hardware limitations (timing requirements, memory requirements); interfaces to other applications; specific technologies, tools, and databases to be used; parallel operations; language requirements; communications protocols; security considerations; design conventions or programming standards.>

2.6 User Documentation

<List the user documentation components (such as user manuals, on-line help, and tutorials) that will be delivered along with the software.>

2.7 Assumptions and Dependencies

<List any assumed factors (as opposed to known facts) that could affect the requirements stated in the SRS. These could include third-party or commercial components that you plan to use, issues around the development or operating environment, or constraints.>

3. System Features:

3.1 System Feature 1:

3.1.1 Description and Priority:

<Provide a short description of the feature and indicate whether it is of High, Medium, or Low priority. >

3.1.2 Stimulus/Response Sequences

<List the sequences of user actions and system responses that stimulate the behavior defined for this feature.>

3.1.3 Functional Requirements

<Itemize the detailed functional requirements associated with this feature. These are the software capabilities that must be present in order for the user to carry out the services provided by the feature.>

3.2 System Feature 2:

3.2.1 Description and Priority:

<Provide a short description of the feature and indicate whether it is of High, Medium, or Low priority. >

3.2.2 Stimulus/Response Sequences

<List the sequences of user actions and system responses that stimulate the behavior defined for this feature.>

3.2.3 Functional Requirements

<Itemize the detailed functional requirements associated with this feature. These are the software capabilities that must be present in order for the user to carry out the services provided by the feature.>

4. Requirements

4.1 Hardware Requirements:

- <list here>
- <of hardware reqs>

4.2 Software Requirements:

- <list here>
- <of software reqs>

4.3 Database Requirements:

- <list here>
- <of database reqs>

4.4 Performance Requirements:

- <list here>
- <of perf reqs>

4.5 Security Requirements:

- <list here>
- <of admin/security reqs>

5. Test Plan:

6. Projected Project Timeline:

Appendix A: Glossary

Appendix B: Analysis Models

Appendix C: Issues List