**<Give Here Your Own Project Title>**

**Software Requirements Specification**

Software Engineering Project

**Version 1.0**



**Group Id:** <Mention your group id>

**Group Members:** <Mention your group members>

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# Introduction

<Introduce the document and expected audience of your document>

## Scope

<Describe the scope of the product that is covered by this SRS, particularly if this SRS describes only part of the system or a single subsystem.>

## Glossary

<Explain the specific terms related to your document(if any). Examples are given>

|  |  |
| --- | --- |
| Term | Definition |
| Stakeholder | Any person with an interest in the project who is not a developer. |
| User | Reviewer or Author. |

## Technologies to be used

|  |  |
| --- | --- |
| Technology | Description |
| Microsoft Project Professional | Microsoft Project is a [project management software](http://en.wikipedia.org/wiki/Project_management_software) program, developed and sold by [Microsoft](http://en.wikipedia.org/wiki/Microsoft), which is designed to assist a [project manager](http://en.wikipedia.org/wiki/Project_manager) in developing a [plan](http://en.wikipedia.org/wiki/Plan), assigning [resources](http://en.wikipedia.org/wiki/Resource_(project_management)) to tasks, tracking progress, managing the [budget](http://en.wikipedia.org/wiki/Budget), and analyzing workloads. |

# General Description

## User 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. Certain requirements may pertain only to certain user classes. Distinguish the most important user classes for this product from those who are less important to satisfy.>

## General Constraints

<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. Certain requirements may pertain only to certain user classes. Distinguish the most important user classes for this product from those who are less important to satisfy.>

## Assumptions & Dependencies

<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 (for example, if the customer’s organization will be responsible for maintaining the delivered software).>

# Specific Requirements

## External Interface Requirements:

### User Interfaces

<Describe the logical characteristics of each interface between the software product and the users. Use pencil tool to create user interfaces>

## Functional Requirements

### Requirement 1

### Requirement 2

## Use Cases:

<Provide here the usage scenarios of all use cases in table format explaining Use Case title, Use Case Id, Actions, Description, Alternative Paths, Pre and Post Conditions, Author, Exceptions. You are supposed to provide a usage scenario for each of use case shown in use case diagram. Following is an example for a usage scenario>

|  |  |
| --- | --- |
| **Use Case Title** | **Add User** |
| **Use Case Id** | 1 |
| **Requirement Id** | 3 |
| **Description:** This use case is about adding a new user to existing system with the privileges defined at time of user account creation. | |
| **Pre Conditions:**   * 1. All must-required information about the new user should be available.   2. Database should be available in online mode. | |
| **Normal Flow** | |
| 1. Administrator opts to add a new user account. | |
| 1. System asks for necessary information. | |
| 1. Administrator provides all the required information and opts to complete the operation. | |
| 1. System after confirmation adds the new account. | |
| 1. System sends the account creation email to the administrator’s email id and user’s email address. | |
| **Alternative Flow** | |
| 4a. There is a problem in the data provided; some data needs to be corrected.   * + Administrator checks the available information and corrects the error.   Administrator continues from the step 3. | |
| **Post Conditions:**   * + A new user account is successfully created. | |
| **Open issues:** | |
| **Authority:** Administrator | |

## Non Functional Requirements:

# Methodology

## Adopted Methodology

<Write here detail about the adopted software development life cycle for your project. You must choose some variant of agile methodology. >

## Diagram of Methodology

## Reason of Choosing Methodology

# Project Work Plan

<Provide Gantt chart of your final project, use MS Project to create work plan>