

Table 1: Revision History

<b>Date</b>	<b>Developer(s)</b>	<b>Change</b>
09/28/2022	Namit Chopra, Brandon Duong Andrew Balmakund, Mohammad Harun Mihail Serafimovski	Finished First Version

# Software Requirements Specification

## Farming Matters

Team #14, The Farmers

Brandon Duong

Andrew Balmakund

Mihail Serafimovski

Mohammad Harun

Namit Chopra

# Contents

<b>1</b>	<b>Project Drivers</b>	<b>1</b>
1.1	The Purpose of the Project . . . . .	1
1.2	The Stakeholders . . . . .	1
1.2.1	The Client . . . . .	1
1.2.2	The Customers . . . . .	1
1.2.3	Other Stakeholders . . . . .	1
1.3	Mandated Constraints . . . . .	1
1.4	Naming Conventions and Terminology . . . . .	1
1.5	Relevant Facts and Assumptions . . . . .	1
<b>2</b>	<b>Functional Requirements</b>	<b>2</b>
2.1	The Scope of the Work and the Product . . . . .	2
2.1.1	The Context of the Work . . . . .	2
2.1.2	Work Partitioning . . . . .	2
2.1.3	Individual Product Use Cases . . . . .	2
2.2	Functional Requirements . . . . .	2
<b>3</b>	<b>Non-functional Requirements</b>	<b>2</b>
3.1	Look and Feel Requirements . . . . .	2
3.2	Usability and Humanity Requirements . . . . .	2
3.3	Performance Requirements . . . . .	2
3.4	Operational and Environmental Requirements . . . . .	2
3.5	Maintainability and Support Requirements . . . . .	2
3.6	Security Requirements . . . . .	2
3.7	Cultural Requirements . . . . .	2
3.8	Legal Requirements . . . . .	2
3.9	Health and Safety Requirements . . . . .	2
<b>4</b>	<b>Project Issues</b>	<b>3</b>
4.1	Open Issues . . . . .	3
4.2	Off-the-Shelf Solutions . . . . .	3
4.3	New Problems . . . . .	3
4.4	Tasks . . . . .	3
4.5	Migration to the New Product . . . . .	3
4.6	Risks . . . . .	3
4.7	Costs . . . . .	3
4.8	User Documentation and Training . . . . .	3
4.9	Waiting Room . . . . .	3
4.10	Ideas for Solutions . . . . .	3
<b>5</b>	<b>Appendix</b>	<b>4</b>
5.1	Symbolic Parameters . . . . .	4

## List of Tables

1	<a href="#">Revision History</a>	1
---	----------------------------------	---

## List of Figures

This document describes the requirements for .... The template for the Software Requirements Specification (SRS) is a subset of the Volere template (?). If you make further modifications to the template, you should explicitly state what modifications were made.

# **1 Project Drivers**

## **1.1 The Purpose of the Project**

## **1.2 The Stakeholders**

### **1.2.1 The Client**

### **1.2.2 The Customers**

### **1.2.3 Other Stakeholders**

## **1.3 Mandated Constraints**

## **1.4 Naming Conventions and Terminology**

## **1.5 Relevant Facts and Assumptions**

User characteristics should go under assumptions.

## **2 Functional Requirements**

### **2.1 The Scope of the Work and the Product**

#### **2.1.1 The Context of the Work**

#### **2.1.2 Work Partitioning**

#### **2.1.3 Individual Product Use Cases**

### **2.2 Functional Requirements**

## **3 Non-functional Requirements**

### **3.1 Look and Feel Requirements**

### **3.2 Usability and Humanity Requirements**

### **3.3 Performance Requirements**

### **3.4 Operational and Environmental Requirements**

### **3.5 Maintainability and Support Requirements**

### **3.6 Security Requirements**

### **3.7 Cultural Requirements**

### **3.8 Legal Requirements**

### **3.9 Health and Safety Requirements**

This section is not in the original Volere template, but health and safety are issues that should be considered for every engineering project.

## 4 Project Issues

4.1 Open Issues

4.2 Off-the-Shelf Solutions

4.3 New Problems

4.4 Tasks

4.5 Migration to the New Product

4.6 Risks

4.7 Costs

4.8 User Documentation and Training

4.9 Waiting Room

4.10 Ideas for Solutions

## 5 Appendix

This section has been added to the Volere template. This is where you can place additional information.

### 5.1 Symbolic Parameters

The definition of the requirements will likely call for SYMBOLIC\_CONSTANTS. Their values are defined in this section for easy maintenance.