Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 21/03/2018 | 1.0 | Supplementary specifications for version 1.0 of the system | Cordea Corina |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

2. Non-functional Requirements 4

2.1 Reliability 4

2.2 Performance 4

2.3 Security 4

2.4 Usability 4

3. Design Constraints 4

# Introduction

This document defines the requirements of the Grocery Shopping Application. The requirements listed here are those are not captured in the use cases of the use-case model. The Supplementary Specifications and the use-case model form a complete set of requirements for the system.

The GSA will enable customers to buy their groceries from home. The system also allows the seller to make their products available and sell them through the application, by using the administrator (seller) account.

This specification defines the non-functional requirements of the system; such as reliability, usability, security, performance, and supportability.

# Non-functional Requirements

## Reliability

The system should be available at any time. There should be no more than 6% down time, and this should occur during the period when the percentage of users is small.

The GSA should store and retrieve information accurately as provided by the user.

## Performance

The system should provide access to the database with no more than a 10 second delay.

The GSA system should also be able to support multiple users at any given time.

## Security

The GSA should require users to log into the system and also limit the operation they will be able performed based on their user’s role.

The system should provide confidentiality for the personal data introduced by the users.

## Usability

The system should be user friendly and self-explanatory.

Error messages generated by this system should explain how to recover from the error.

Also, the GSA should ask for confirmation every time the user tries to perform an operation that cannot be undone.

# Design Constraints

The application should be designed to run on computers using Windows.