Grocery Shopping Android Application

Supplementary Specification

Version 1.0

Revision History

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Supplementary Specification

# Introduction

This document defines the requirements of the Grocery Shopping Android 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 GSAA will enable customers to buy their groceries on-line. The system also allows sellers to make their products available and sell them through the application, by using an administrator 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 GSAA 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 GSAA system should also be able to support multiple users at any given time.

## Security

The GSAA 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 GSAA 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 mobile phones using Android.