<Supermarket Manager>

Version <1.0>

Revision History

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# Introduction

[The purpose of this document is to collect, analyze, and define high-level needs and features of the <<Supermarket Manager>>. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the <<Supermarket Manager >> fulfills these needs are detailed in the use-case and supplementary specifications.]

[The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.]

## Purpose

[Specify the purpose of this **Vision** document**.**]

This Vision document has as purpose to collect, analyze and define high-level needs and features of the project.

## Scope

[A brief description of the scope of this **Vision** document; what Project(s) it is associated with and anything else that is affected or influenced by this document.]

This document is associated with the project “Supermarket Manager” which is client-server application for the employees of a supermarket. The scope of this Vision document is to be a helpful tool in the whole process of understanding the system of the project.

## Definitions, Acronyms, and Abbreviations

[This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the **Vision** document. This information may be provided by reference to the project’s Glossary.]

* User credentials: username and password corresponding to the user
* User authentication: user uses his credentials to login
* CRUD operations: Create, Retrieve, Update and Delete operations performed on data models that correspond to tables in a database

## References

[This subsection provides a complete list of all documents referenced elsewhere in the **Vision** document. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]

## Overview

[This subsection describes what the rest of the **Vision** document contains and explains how the document is organized.]

From this point forward, the document will be focusing on problem and product position statement, stakeholder and user descriptions, as well as, product requirements.

# Positioning

## Problem Statement

[Provide a statement summarizing the problem being solved by this project. The following format may be used:]

|  |  |
| --- | --- |
| The problem of | [describe the problem]  Designing and implementing a client-server application for a supermarket |
| affects | [the stakeholders affected by the problem]  The employees of the supermarket and the clients |
| the impact of which is | [what is the impact of the problem?]  A more organized supermarket will attract more clients |
| a successful solution would be | [list some key benefits of a successful solution]  This project will lead to an increase in the work quality of the supermarket’s employees which will attract more clients |

## Product Position Statement

[Provide an overall statement summarizing, at the highest level, the unique position the product intends to fill in the marketplace. The following format may be used:]

|  |  |
| --- | --- |
| For | [target customer]  Supermarkets |
| Who | [statement of the need or opportunity]  Can use this project in order to maximize their profit |
| The (Supermarket Manager) | is a [product category]  client-server system |
| That | [statement of key benefit; that is, the compelling reason to buy]  Can optimize the work of employees and reduce the unnecessary time clients spend in supermarkets |
| Unlike | [primary competitive alternative]  Going to supermarket, by purchasing online, clients are no longer forced to wait in queues |
| Our product | [statement of primary differentiation]  Gives clients the possibility of buying what they want just by clicking on the screen |

[A product position statement communicates the intent of the application and the importance of the project to all concerned personnel.]

# Stakeholder and User Descriptions

[To effectively provide products and services that meet your stakeholders’ and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. You must also identify the users of the system and ensure that the stakeholder community adequately represents them. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.]

## Stakeholder Summary

[There are a number of stakeholders with an interest in the development and not all of them are end users. Present a summary list of these non-user stakeholders. (The users are summarized in section 3.2.)]

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| [Name the stakeholder type.]  Manager of the supermarket | [Briefly describe the stakeholder.]  He is responsible for the overall supermarket management | [Summarize the stakeholder’s key responsibilities with regard to the system being developed; that is, their interest as a stakeholder. For example, this stakeholder:  ensures that the system will be maintainable  ensures that there will be a market demand for the product’s features  monitors the project’s progress  approves funding  and so forth]  Develop business strategies to raise the customers’ pool, expand store traffic and optimize profitability  Meet sales goals by training, motivating, mentoring and providing feedback to sales staff |

## User Summary

[Present a summary list of all identified users.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| [Name the user type.]  Admin | [Briefly describe what they represent with respect to the system.]  He is the user in charge of user accounts, products, reports and promotions | [List the user’s key responsibilities with regard to the system being developed; for example:  captures details  produces reports  coordinates work  and so on]  Create, Retrieve, Update, Delete user accounts  Create, Retrieve, Update, Delete products  Issue reports about the products  Activate promotions | [If the user is not directly represented, identify which stakeholder is responsible for representing the user’s interest.] |
| Regular user | Sell products | Initiate a sell  Add products to the sell  Compute the total price  Decrease the products’ stock  Issue an invoice |  |

## User Environment

[Detail the working environment of the target user. Here are some suggestions:

Number of people involved in completing the task? Is this changing?

How long is a task cycle? Amount of time spent in each activity? Is this changing?

Any unique environmental constraints: mobile, outdoors, in-flight, and so on?

Which systems platforms are in use today? Future platforms?

What other applications are in use? Does your application need to integrate with them?

]

For selling a product, both the admin and the regular user are involved, because, in the case that the product is out of stock, the admin is the one that introduces the product back on stock and the regular user is the one that performs the actual selling. It is changing when the product is already on stock and only the regular user is needed.

# Product Requirements

[At a high level, list applicable standards, hardware or platform requirements, performance requirements, and environmental requirements.]

The product should provide a user-friendly interface.