Restaurant Manager

Version <1.0>

Revision History

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| --- | --- | --- | --- |
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# Introduction

## Purpose

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

## Scope

This document refers only to this project, hence there won’t be any other suffering any modifications based on this documentation.

## Definitions, Acronyms, and Abbreviations

Any technical terms, abbreviations or acronyms found in this document are referenced in the Glossary document that is annexed to this one.

## References

- Project Glossary

- Project Supplementary Specification

- Project Use Cases

## Overview

In the next chapters of this document, one would find the positioning of this project, containing the problem statement and the product position statement and stakeholder and user’s description, in which the earlier mentioned will be described and finally the product’s requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Managing the staff and orders of a restaurant is exhaustive |
| affects | The staff of a restaurant and its customers |
| the impact of which is | Service may be slow, unorganized and messy |
| a successful solution would be | A management system of orders, payment and staff. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Restaurant owner/manager |
| Who | Struggles to check the activity of employees and waiters who struggle managing orders and payments. |
| The Restaurant Manager | is a management system |
| That | Organizes the flow of the restaurant in the most efficient way |
| Unlike | 7 shifts |
| Our product | Is as easy to use as it is helpful. |

# 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** |
| Restaurant owner | The person that owns the restaurant | This stakeholder wants the application to respect the requirements and function in an optimal way so that it does not slow the service of the restaurant. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
|  |  |  |  |
| Manager | The staff manager of the restaurant. | They have the responsibility to monitor the activity of the employees and to manage them. |  |
| Waiter | The part of staff that serves customers. | This user has the following responsibilities: record orders and handle payments. |  |
| Kitchen Staff | They represent the staff that prepare the food of an order. | This user has only one responsibility, project-wise: they have to notify the waiters when an order is complete, so it can be served. | [If the user is not directly represented, identify which stakeholder is responsible for representing the user’s interest.] |

## User Environment

The number of people involved in a task is usually 1, so the length of a task cycle is proportional to the ability of the user; some tasks may also involve waiting for others. The environmental constraints depend on the type of the restaurant, which could be indoors, outdoors, etc.

# Product Requirements

This product, functional requirements-wise, is constrained to the following:

* The manager should be able to perform CRUD operations on the employees;
* The manager should be able to monitor the activity of the employees;
* The waiter should be able to record orders in the system;
* The waiter should be able to handle payments;
* The system should offer discounts based on the loyalty of the customer;
* The kitchen staff should be able to notify waiters when an order is complete.

From a non-functional requirements – point of view, the product should:

* Be easy to use;
* Accept valid inputs from the user;
* Have a user-friendly interface
* Handle errors or exceptions in a convenient manner.