Restaurant Manager

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <22/02/23> | <1.0> | <details> | <name> |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

2. Non-functional Requirements 4

2.1 Availability 4

2.2 Performance 4

2.3 Security 4

2.4 Testability 4

2.5 Usability 4

3. Design Constraints 4

# Introduction

This document captures the system requirements that are not readily captured in the use cases of the use-case model. Such of those functionalities will be to log in into this application using credentials specific to any kind of user

# Non-functional Requirements

- Using the JSON Web Token that represents a compact and self-contained way for securely transmitting information: useful for authorization, information exchange

- Using encryption algorithms for the passwords of the users

- Helping the users to fill in the mandatory fields, in case of invalid input

## Availability

This application will be user friendly, very easy to use by any person who will have access to it. That is the most important purpose of each application, to be so simple and easy to understand that any person who does not know how this type of apps work to be able to use it properly and the users of it to benefit from all of its functionalities.

## Performance

The performance of this app will be generated by using Java language, as well as Springboot framework, being a very efficient development kit for applications.

## Security

For security, the passwords of all the users on this app will be encrypted using encryption algorithms (one specific to java- BCrypt algorithm)

## Testability

For testability, unit tests for all of its functionalities would be created

## Usability

This app would be easy to use by all of its users: the manager who could keep track of its employees and the employees who would make their work in a more efficient way through technology.

# Design Constraints

The application will have a Layered architecture, the programming language used will be Java with SpringBoot framework