Cooking Recipe Rating Web based Application
Supplementary Specification

Version 1.0

Revision History

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Supplementary Specification

1. Introduction

In this document there will be highlighted some of the non-functional requirements desired by the developers and also some design constraints of the application.

2. Non-functional Requirements

2.1 Availability

The registration system shall be available 24 hours a day, 7 days a week. There shall be no more than 5% down time.

2.2 Performance

The system will support up to 500 simultaneous users against the central database at any given time, and up to 200 simultaneous users against the local servers at any one time.

The system will provide access to the cooking recipe database with no more than a 10 second latency.

The system must be able to complete 80% of all transactions within 2 minutes.

2.3 Usability

The user interface of the CWBA will be designed for ease-of –use and will be appropriate for a computer-literate user community with no additional training on the system.

2.4 Portability

The application will be available to run on all the browsers existent: Opera, Mozilla, Google Chrome, Internet Explorer, Microsoft Edge.

2.5 Stability

It means much of the objects will be stable over time and will not need changes.

3. Design Constraints

1. ### Java Compatibility

The web-based interface will be compatible with the Java 8.0 VM runtime environment.

2. ### Internet Browsers

The web-based interface for the Cooking Recipe Rating Web based Application should run on any version of browsers: Opera, Mozilla Firefox, Google Chrome, Microsoft Edge.

3. ### Design Patterns

The application will be implemented using between two and five design patterns.

4. ### SQL Relationships

There will exist at least one relationship of type: One to Many, Many to Many, Many to One.

5. Framework

Spring Framework will be the base of this application in union with the Thymeleaf Template.