YOUR PERFECT CAR

Supplementary Specification

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <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

Supplementary Specification

# Introduction

[The introduction of the **Supplementary Specification** provides an overview of the entire document.

The **Supplementary Specification** captures the system requirements that are not readily captured in the use cases of the use-case model. Such requirements include:

Legal and regulatory requirements, including application standards.

Quality attributes of the system to be built, including usability, reliability, performance, and supportability requirements.

Other requirements such as operating systems and environments, compatibility requirements, and design constraints.]

The project is entitled: “YOUR PERFECT CAR”. The purpose for this application is to help people who desire to rent a car, by offering them the best deals available on market.

This application will have a layered architecture. The users who can use it, will be in one of the following category: clients (people renting the car) and administrators (or staff. They are responsabile for mantaining the system functional – providing cars for renting, managing clients requests, etc.).

# Non-functional Requirements

*[Define system quality attributes in terms of scenarios according to the following template:*

* *Quality attribute definition*
* *Source of stimulus: the entity (human or another system) that generated the stimulus or event*
* *Stimulus: a condition that determines a reaction of the system*
* *Environment: the current condition of the system when the stimulus arrives*
* *Artifact: is a component that reacts to the stimulus. It may be the whole system or some pieces of it*
* *Response: the activity determined by the arrival of the stimulus*
* *Response measure: the quantifiable indication of the response*
* *Tactics*

*]*

[Non-functional requirements (NFRs)](http://www.scaledagileframework.com/nonfunctional-requirements/) define the criteria that are used to evaluate the whole system, but not for specific behavior, and are also called quality attributes and described in detail in architectural specifications.

Source of stimulus: human users (client or administrator)

Stimulus: a request from an user (for example, a client request a car for renting)

Environment: the environment is changing. When a client requests a car, it will be reserved until the administrator validates the request. Even if he declines it, the whole time until then, the car will be in a “pending” state.

Artifact: Every change in the system will be reflected in the database.

Response: when a client requests a car (stimulus), the administrator has to respond to that request (response).

## Availability

## Performance

## Security

## Testability

## Usability

# Design Constraints

[This section needs to indicate any design constraints on the system being built. Design constraints represent design decisions that have been mandated and must be adhered to. Examples include software languages, software process requirements, prescribed use of developmental tools, architectural and design constraints, purchased components, class libraries, and so on.]

The application will be implemented using Java Language. The connection with the database will be solved using MySQL Server and MySQL Workbench. The IDE I will use is IntelliJ Idea.