Version 0.1

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30433

Canidae Resort

Supplementary Specification

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# Introduction

The aim of this document is to capture the system requirements that are not readily captured in the use-cases of the use-case model document. It will include non-functional requirements such as availability, performance, security, testability and usability. It will end by specifying some design constraints.

# Non-functional Requirements

## Availability

The user will be able to access and view information regarding its account and his dog at all times, even when the other services are offline. The services will be available as much as possible and maintenance hours will depend on targeted time-zones. Maintenance hours will be between 1 AM and 6 AM.

## Performance

The user will be able to access its account and dog profiles in reasonable time as well as search for a hotel and register for a room in similar times.

## Security

The application will provide a highly-secure environment for the user’s account information as well as personal and dog information.

## Testability

The modules of the application will be built as to be highly testable, using both black-box and white-box testing.

## Usability

The application’s GUI will provide a user-friendly, interactive experience with the application and will easily enable users to perform all sorts of available operations inside the application.

# Design Constraints

* Client-Server Architecture;
* Implementation using Java, GUI development using Java FX;
* Development using the Eclipse IDE.