Rocket Odyssey

Supplementary Specification

Version 1.0

Revision History

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Supplementary Specification

# Introduction

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.

# Non-functional Requirements

## Availability

Since my program will be developed as a desktop application, the application will be available 100% of the time for any user that acquires my program.

## Performance

The algorithms that will be used in the development of this projects will be efficient both from the perspective of time and from the perspective of memory space.

The data stored in the database will be always optimized so they will be always monitored in order to not have useless data.

## Security

For every user of my application, their personal data will be safely and securely stored in a protected database.

## Testability

For every level, functionality of the program will be tested in order to ensure the final product comes out as intended using Mockito and Junit.

## Usability

The user interface will be very easy to use.

# Design Constraints

The programming language used for my application will be the Java OOP language, with an important class library being the Canvas Class.