DailyFit

Supplementary Specification

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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

*[Define non-functional requirements in terms of: background, reasoning, measurement methods, etc.]*

## Availability

The application should be available for everyone for free, for an unlimited period of time.

## Performance

The actions performed should happen instantly, without needing a highly performant PC.

## Security

Each user should have an account and a password for security. The password should be at least 8 characters long in order to assure the security of the account.

## Testability

Testing the application should verify all the features mentioned in the use case, security and performance.

## Usability

Usability is determined by the number of people who will use the application almost everyday or for a long period of time.

# 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 developed using Java and Spring. The IDE used will be IntelliJ. For the database, I will use MySQL.