Find a Hackathon

Supplementary Specification

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This document captures additional system requirements, present in the use cases of the use-case model, including quality attributes and design constraints.

# Non-functional Requirements

## Availability

The platform should be available of 98% of the time.

## Performance

The response time of any action on the website should be not over 4 seconds, considering a stable internet connection of at least 24 Mbps.

## Security

No action can be performed on the platform unless a valid login has been done. A coder can not add a hackathon in the name of an organization, and organizations can’t add coders to their events.

## Testability

Unit, integration and end to end tests will be provided throughout the development process.

## Usability

The system should be accessed via a browser, application which is installed by default on any OS. The interface is simple, intuitive and compact.

# Design Constraints

The system must be a web application, developed using Spring Boot. The data is stored in a database and the access is done with ORM/JPA. The backed is developed in Java 8. Interface methods for creating and deleting accounts do not need to be provided. No action on the web app can be done without an initial login.