Traveler’s home

# Non-functional Requirements

## Availability

I think some of the possible availability failures could be when a component fails to respond to an input, connection lost, a component responds but the response is early/ late, a component responds with an incorrect value, system crash.

## Performance

The time needed to proceed a request from a user should be reduced as much as possible. This will be done by trying to reduce the margin of error and by minimizing maintenance needs, so that we can deliver a better end product to consumers.

## Security

The “security” of the web application is assured by the administrator as it can delete accounts that do not respect our rules. Also, it can delete offers so that the information gives is constant updated. When registering, certain field will have to be completed, this being also a small act of security.

## Testability

The web application will be properly tested before being put to mass usage. The tests will consist of verifying the main functionalities, time of response as well as the accuracy of response. Some Junit tests will be made as well.

## Usability

The web application should be created such that the users will not find any difficulties in using it. This will be done by trying to create such a system that provide the user with the features needed as fast as possible.

# Design Constraints

The project must have users, at least three entities and at least three use cases. The software language will be English as it is a widely known language and we can target a variety of users. Data is stored in a database and the access will be done via ORM. The user interface can be rendered server side or client side. It will be a web application.