Tours & Travels

Supplementary Specification

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This application should be able to maintain all the info regarding the users stored in the database. It should also be able to provide quick response to the users’ requests.

This application should be user friendly. The design of the app concerning generating tour plans is adapted to guarantee the tourist has a safe journey.

# Non-functional Requirements

## Availability

The user can book a certain tour only if he/she has logged in previously.

## Performance

The application should be able to respond to the queries submitted by the user without delay. When a traveler searches for a tour location, the application should not take much time to return the results.

Under normal conditions, the application should perform the required functions successfully.

## Security

Use unique member ID to prove user authentication and validation of members.

Personal information should be protected.

## Testability

Unit tests will be performed to measure the performance of the web application.

## Usability

A user interface for updating tour information would also be useful in allowing the system to be adapted for different situations.

# Design Constraints

The programming language that will be used is Java and as a framework, I will use Spring. The application will require a database to store all the users’ personal info, as they will have to log in according to their existing account.