

Description:

The purpose of this system is to allow for creating reservations for tennis courts and managing these reservations.

There will be two roles in the system - a user and an admin role.

Each user will have to sign up and be signed in in order to operate with the system. Users will be allowed to create reservations as well as view and cancel their reservations at any time.

The manager will be able to list, change and delete any reservation at any time, as well as add or remove available courts.

Technologies:

The system will be a web application developed in Java with the use of the Spring framework and PostgreSQL database. The front end will be embedded with HTML, CSS, and Javascript with the use of Thymeleaf.

Experiences:

I have little experience with programming in Java and with PostgreSQL but I am seeing this project as an opportunity to learn something new.

Life cycle model:

I have decided to use the waterfall model for this application. The reason is that the requirements are well known from the beginning and It seems to be the best option for a one-man team.