Sauna Reservation

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Description

This is a web application that dynamically renders available saunas based on a given date. Also available is an API capable of serving the raw data to another service or system. It allows the business to view which saunas are available on which dates.

Features

- Allows you to view if Sauna is available
- Dynamically renders Sauna on a given date
- Allows selection Sauna and view info

Planning - User Stories

Allows potential customers to view available saunas on a given date and allows user to find info about it.

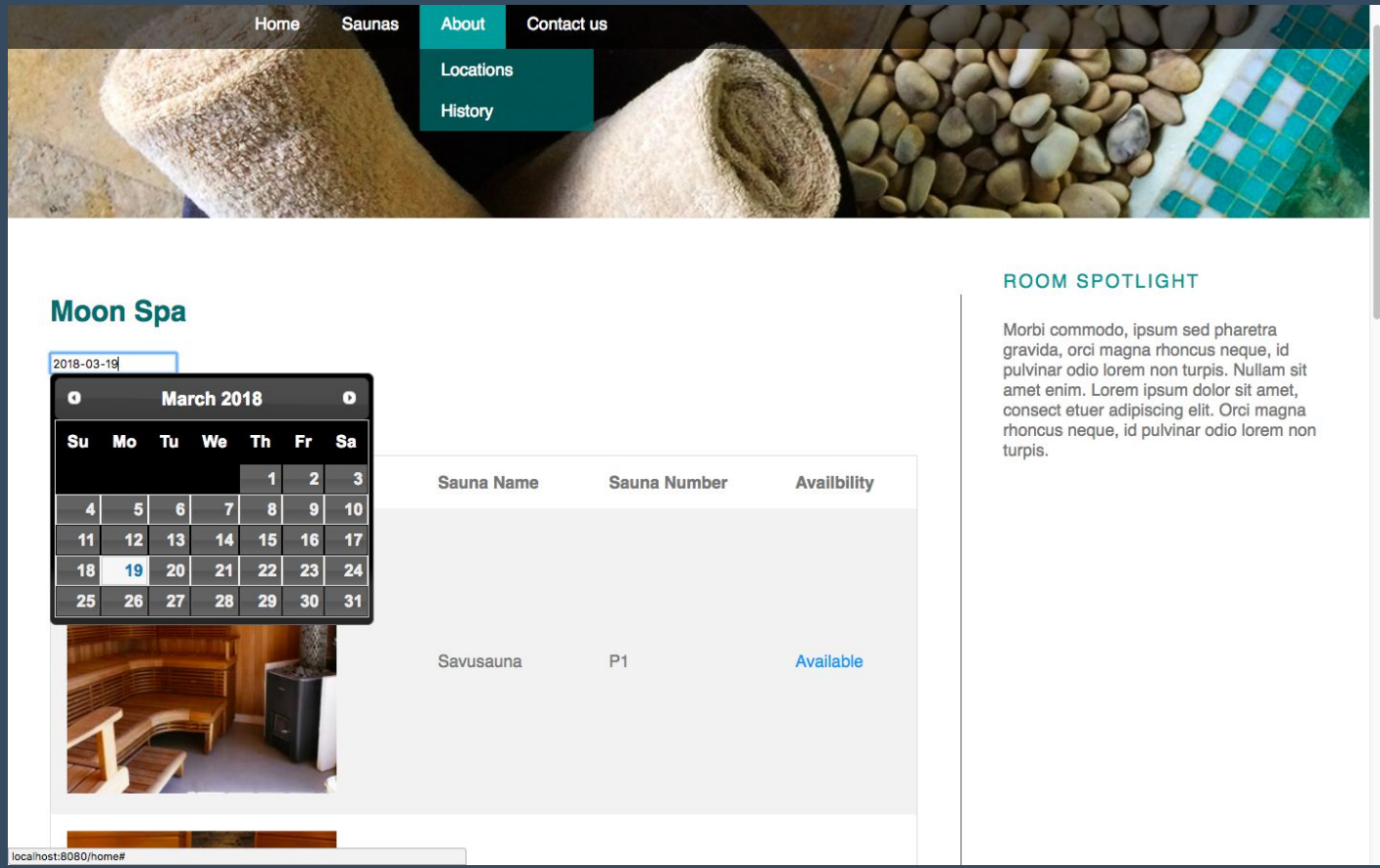
Planning - Database

Used a embedded database, using a schema I added definitions to create the tables needed, as well as foreign-key references as they apply to the reservation and guest id and sauna id. I've prewritten the script to populate the datebase in order to have data to query against and test.

Technology Stack

- Java
- Spring
- Thymeleaf
- SQL
- Javascript/jQuery

Demo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2018-03-19
March 2018
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4 5 6 7 8 9 10
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localhost:8080/home#

What I Learned

- Learned a new language-- Javascript
- Built a web application that responds to a date selection and loads that data from the database and dynamically renders it with an image and info
- Learned how to leverage service abstraction with Spring that yields cleaner code
- Built an API capable of serving raw data to another service or system

What's Next

- Another feature-- add the ability to reserve a sauna for a customer to allow for reservations using model binding
- Add the ability to show multiple dates and time to show the extent of a reservation
- Design a more advanced UI design that makes for a nicer user experience, using a better grid layout with advanced CSS