HOSPITAL BOOKING SYSTEM

Step-by-Step Explanation:

We have two sets of user roles like **admin/user.**

Admin is the one who is able to add/update/delete services, hospitals and slots.

So the first admin user can log in and go to the service tab, there needs to be a few services.

After moving to the hospital tab, add a new hospital with respective fields and also can add the slots.

During add slots, we have two sets of operations.

Daily wise or particular day. Daily wise, admin can select any days like SUNDAY OR ANY day, with start time and end time. So this will create all SUNDAY with that time interval slot.

Also in that all SUNDAYs if any days matched under federal holiday, that day slot won't be created as per your requirement. For this we have a check box to enable or disable this feature.

For a particular day slot, suppose a hospital plans one day suddenly for some slot, that time we can use this option to select one day with time slots…

Once the admin adds hospital / slots.. That's it for the admin.

Later user role, can logged in... Can only be able to search the availability slots and also don't have permission to edit / delete / add hospital, service, slots.

Once searched, able to book the slots, once done he will receive a Google Calendar invite to registered email.

Tools & Techniques:

For front-end, mostly we used MUI react components, axios/fetch for backend api call

For backend we used spring boot, spring rest, Jpa, security, devtools, Lombok and jwt integration

Database: MySQL

Front end development IDE VSCode

For backend we used Spring Tool Suite