

Problem Statement : Hospital Booking Site

The aim is to build a website that will allow patients to book appointments in a hospital.

Hospitals have a fixed number of slots every day, for example a hospital could have 30 mins slots for each patient. Considering breaks and lunch etc, a hospital can decide what are the timings for the slots every day. An example of the available slots for a day would be

10:00 AM - 10:30 AM

10:30 AM - 11:00 AM

---- 30 mins Break ----

11:30 AM - 12:00 PM

12:00 PM - 12:30 PM

And so on...

Now only one patient can book a particular slot for a particular day. So if a patient has already booked the 10:00 AM - 10:30 AM slot, then that slot is not available for another patient.

The app should have a login for the patient and a login for the hospital to see all the bookings for a day.

Technical specifications

- The App should be an SPA with API calls for all server interactions
- Backend and APIs should be developed in Django/Node.js and Django Rest framework / Node.js
- Frontend should be developed using React framework
- Candidates are free to use a UI library like [Material UI](#) or [AntD](#) to make the UI polished and speed up the development

Submission instructions

- Provide a link to the github repo with both the frontend and backend code in the same repo
- The app should be easily runnable on a linux / windows machine. Please use npm / venv etc to make sure the app is easy to run on our machine. If you have any custom instruction to setup and run the app, please mention this in the README for the github repo
- Create a README.md file in the repo with an explanation of your project, what are the cases you've considered, what technologies you have used, etc.

Timeline

We estimate the assignment to take anywhere between 9 to 12 hours to complete. Do send in your solutions as soon as possible for you.