

Foresight Take home project

I'm the manager of a medical practice that provides primary care for patients. My practice stores demographic information for our patients in a secure spreadsheet with the following fields:

First Name
Last Name
Date of Birth
Phone Number

I also schedule appointments for my patients and record those in another spreadsheet. Each appointment is tied to a patient using the patient's name. The fields in the appointment spreadsheet are as follows:

Patient Name (first and last)
Start Date
Start Time
Appointment Type

I'd like to be able to quickly view a patient's demographic information and appointment history on 1 page so I don't have to keep switching between spreadsheets to see all of the information. To do that, I'd like to build a web based tool that will show me a list of my patients and allow me to view a patient's information and appointments on one page.

The web app should have the following:

- A list of all patients from the patient spreadsheet
- A way to get from the patient list to an individual patient profile
- On the patient profile, display all patient demographic information and a list of appointments, ordered by start date/time descending
- Data should be stored in a database, not read directly from the CSVs
- App should be structured as a normal production app would be, including any necessary tests or documentation
- Feel free to use any language/technologies you feel comfortable with

Extra credit:

- An interface search for a patient in the patient list
- An interface to create a new patient
- An interface to create a new appointment for an existing patient
- Well thought-out design/styling

- Use an MVC framework, extra points for PHP/Laravel
- Use a modern JS framework, extra points for React