Medallion Engineering Design Problem

Objective: Design a simple web application to automatically fill out PDF forms.

Context

Medallion simplifies and automates modern-day healthcare administration. These administrative processes are cumbersome and often involve a lot of manual (and error-prone!) work. One particularly tedious aspect is the need to fill out PDF forms based on information about a doctor.

Task

Design a web app that prompts the user to select a form and a doctor in the system (lists below) and returns a copy of the selected form filled with information from that doctor's profile. Describe the high-level components, the database schema, and anything else that would be important to figure out before writing code.

Example forms:
- [CA State Licensing Application](#)
- [NY State Licensing Application](#)

Example physician profiles:
- Jack Smith; Male; born January 11, 1970
- Ally Love; Female; born Nov 1, 1989