Problem Definition

A busy clinic has a list of dates that a doctor is available to see patients. Their current process is manual, error prone and often leads to overbooking - causing abrasion with patients.

Task

Create a RESTful API service that enable a simple scheduling system. This service should:

- Manage doctor availabilities
- Allow patients to book/edit appointments

Minimal Expectation

- Endpoint to find a doctors working hours
- Endpoint to book a doctors open slot
- Endpoint to update a doctors appointment
- Endpoint to delete a doctors appointment
- Endpoint to view a doctors availability
- README explaining how to run and use the service
- `.md` document that:
    - Summarizes your thought process
    - Summarizes your data models

Additional Notes

- You are free to implement this as you best see fit
- You are free to use any tools, frameworks, programming language, etc. at your disposal