Patient Registration Specification

Overview

As a user I want to be able to…:

* … enter the details of a patient to be registered at a GP (General Practice) Practice
  + Name
  + Date of Birth
  + Address
  + Phone number
* … search on previously registered patients at the practice
* … have the ability to edit previously entered patients details
* … pick a GP that will be responsible for the patient
* … have a UI to use the service (optional)
* The relation between practice and the patient is one to many i.e. one practice may have many patients

You will be assessed on the design and build of the RESTful services - any client or persistent storage that you implement can be rough and ready.

Requirements

* The solution must be built using Java for the service
* The solution must utilise the Spring framework
* There must be a clear attempt to use SOLID principles
* Must demonstrate best practices for Test Driven Development

Other Considerations

* There is no limit to the technologies, frameworks and libraries you can use, only that you must use Java as the primary programming language for the service, reference the Spring framework and utilise some of its features
  + Hint: We use Spring Boot for a lot of our services and the Spring Initializr would be a good starting point
* Once you have completed the exercise or the time is up, the solution should be demo-able
  + Hint: Consider this when developing your solution
* Please don’t hesitate to ask any questions that you may have!