Submit this to us within 5 business days of assignment (we are
flexible here and just let me know if you need more time).

** Otus API Sample Problem **

Build an API that allows for 2 things:

1) A search endpoint where you can search for students by their name
(first, last, or both). The search results should return the following
fields:

- First Name

- Last Name

- Average Grade (GPA)

2) You should be able to acquire more information about the student
via a details endpoint. The details should include the following
fields:

- First Name

- Last Name

- Email Address

- Average Grade (GPA)

- A list of classes that the student is attending along with the
  grade that the student has in each of the classes

3) The JSON datastore that should be searched is attached
(students_classes.json).

Requirements

Publish a repo on Github that i can clone and run on my local machine
Use Java, Scala, Kotlin or Clojure to complete this.

- Don't use Spring Boot, Dropwizard or Scalatra to do this, but feel free to use the libraries employed by those frameworks (eg JAX-RS, Jersey, Metrics, Jackson, Akka, Jetty, etc)
- API will need documentation and a contract published.
- Tests should be present.
- It should support JSON & XML over HTTP