

**The Library - Backend**

Please connect to the zoom invitation in the mail.

Prerequisites & Installations

1. GitHub account

2. Java (Can be installed from Oracle’s website or OpenJDK)

3. IDE  
4. Docker (not mandatory)

We generated an empty web application of “library” using spring boot and uploaded the source code to this Github

Repository: <https://github.com/AmirSoln/Daniel-tech-test>

**Step 0:**

Make sure you know how to run the application, you can start the mongo database in docker to simplify the development, or “in memory” database as specified in the source code.

**Step 1:**Add Create REST API for “Author”.   
  
When creating an author, the application should call to a 3rd party API to return the list of books + reviews of that author. For this task you will use the book\_api of <https://developer.nytimes.com/> to get books for the author (for testing you can search for the author ‘Stephen King’). Use the ‘Book Reviews Services’ endpoint to fetch the data.

**An author should have the following properties:**

* Name
* Books
  + Book name
  + Summary

**Step 2:**Add GET REST API for “Author”.

The GET endpoint should accept Author name and return the list of results saved in your db.

Please keep in mind that one day you may want to replace the books\_api with another provider (e.g https://developers.google.com/books/), and it should be done as smooth as possible.

Commit and push everything to Github.   
Please write down at the end of each part how long it took you to complete the task.

Good luck.