

# Develop an API for an online book store

The goal of the project is to design and develop an API for an online book store.

## User Story: As a developer I want to

- A customer should be able to create an account;
  - An email is a main way to verify a uniqueness of a person;
  - Don't worry about email verification;
- A customer should be able to see the list of books;
  - Don't worry about inventory, you can assume that books never run out;
- A customer should be able to make an order;
  - Don't worry about order cancellation;
  - A customer should be able to make an order with arbitrary number of books;
  - You don't have to worry about anything related to the payments;
- A customer needs to see my orders history;

## Data

Your application must use a database for persistent storage. You may choose between SQL or NoSQL databases to implement this requirement. Please seed the database with dummy data.

## A few quick notes on submitting Exercise

- Don't worry about any web application concerns other than serializing JSON and returning via a GET request.
- Feel free to design the URL structure and DB schema that you believe creates the best client/consumer experience

## Criteria

You may use any third party libraries you need. In the selection process - we will consider exclusively that you build a solid system with an emphasis on code quality, simplicity, readability, maintainability, and reliability, particularly regarding architecture and testing to evaluate your work.

Be aware that the following evaluation criteria will be mainly taken into consideration:

- How clean and organized your code in a manner that clearly separates concerns;

- If you implemented the business rules correctly;
- How well defined the project structure;
- How good your automated tests are.

## **Programming Language**

You may use any of the following programming languages: JS/TS or Golang