# Toomba assessment test

## Goals and targets

The goal of this test **is not to evaluate your PHP knowledge**, It is to evaluate your global developer skills. You are welcome to use the web programing language you prefer. You can use PHP according to your experience (min version 8.1).

## Exercise 1

A Library wants to implement a system to manage their book catalogues. They want to start adding books and book categories. The Library contacted Toomba to create this system and you are the API developer who has to build it.

We need to implement an API REST. This API REST will be used in the near future to provide information about the book catalogue to several mobile apps. From these apps you could also add books, edit it and retrieve information about any specific book.

- Required tasks
    a. All the REST endpoints should be implemented
    b. The Http Headers and status code should match with the standard definitions
    c. OOP
    d. API must use a Json format.


- Optionals tasks
    a. Swagger doc or other API doc client
    b. Error Exception controls
    c. Docker environment uses will be evaluated
    d. Use of git repository
    e. API authentication
    f. Unit test for the API rest endpoints
    g. README document to explain extra information of this test

## Exercise 2 (Optional)

Create a front client (HTML/CSS) using any Frontend framework (VueJs, React, jQuery, ..) to show the lists of books, create/edit/delete books using the created API REST.


**NOTE:** All the information not specified in this document is open for candidate interpretation