Assessment Test - Backend

This task aims to assess the candidates' knowledge and go through some areas of features of the framework that we use in our projects. Test implementation is free as long as the essential objectives are met.

The task must be referenced in its own repository and delivered through GitHub public repo.

The proposed exercise is to create a simple API interface, with a CRUD for an object model with the characteristics below:

|  |  |
| --- | --- |
| **Features** | |
| Authentication | Login with password |
|  |  |
| CRUDS | Book Registry  **GET, POST, PUT and DELETE**  Store Registry  **GET, POST, PUT and DELETE**  Book and Store Relationship |
| Fields | **Book**   * Name= required * ISBN = only numbers * Value = decimal   **Store**   * Name * Address * Active   Book Store – relationship multiple books to multiple stores |

Requirements:

* CRUD must be in JSON
* User Login and Logout

Some suggestions:

* Use the framework's basic User model for authentication
* Use DDD (Domain Driven Design)

Tools:

- Laravel 8+

- Mysql/Sqlite

- PHP 8