**WIZER ACADEMY CODE CHALLENGE**

**API DOCUMENTATION**

The document briefly illustrates the API documentation for the short code challenge.

A postman collection json file has been attached to the submission and on the github repo. Kindly import the file into postman. Also, Swagger documentation exist on

http://{base\_url}}/swagger-ui/index.html

where “base\_url” is the server ip on which the application is deployed.

**Important things to note:**

All response follows the following format:

{

"timestamp": "2023-12-30 18:58:40",

"data": {},

"isSuccess": false,

"isError": false,

"description": ""

}

Http Status codes headers used in the application

201 - Created,

204 – No Content,

200 - Ok,

400 – Bad Request,

404 – Not Found

All Get List endpoint are paginated

The following are the endpoints available in the system.

|  |  |  |  |
| --- | --- | --- | --- |
| HTTP METHOD | API ENDPOINT | DESCRIPTION |  |
| POST | api/v1/books | Add a new Book |  |
| GET | api/v1/books | Get All books with pagination and filters |  |
| GET | api/v1/books/{id} | Get a book by id |  |
| PUT | api/v1/books/{id} | Edit a book |  |
| DELETE | api/v1/books/{id} | Soft delete of book by id |  |
| GET | api/v1/books/deleted | Get all deleted books |  |
| PUT | api/v1/books/favourite-books | Add book to favorite book |  |
| GET | api/v1/books/favourite-books | Get all favorite book |  |
| POST | api/v1/book-category | Create A book Category |  |
| GET | api/v1/book-category | Get all book Category with pagination and filters |  |
| GET | api/v1/book-category/{id} | Get Book category by id |  |
| PUT | api/v1/book-category/{id} | Edit Book category by id |  |
| DELETE | api/v1/book-category/{id} | Soft delete Book category by id |  |
| GET | api/v1/book-category/deleted | Get all deleted book category |  |
| PUT | api/v1/book-category/{id}/books | Add book to a category |  |
| GET | api/v1/book-category/{id}/books | Get all books in a category |  |