**Bookstore Application README**

This README provides step-by-step instructions on how to set up and run the bookstore application. The application consists of both backend (Laravel) and frontend (Vue.js) components for customers and administrators.

**Prerequisites**

Before getting started, ensure you have the following prerequisites installed on your system:

* [Docker](https://www.docker.com/)
* [Node.js](https://nodejs.org/)

**Installation and Setup**

**1. Clone the Repository**

Begin by cloning the Bookstore project repository from GitHub to your local machine:

git clone <repository\_url>

**2. Navigate to the Backend Directory**

Change your working directory to the bookstore\_backend directory:

cd ankita\_project/bookstore\_backend

**3. Start the Docker Environment**

Use the following command to start the Docker environment for the backend:

./vendor/bin/sail up -d

If you encounter the "Docker is not running" message, execute the following command to start the server for both the customer and admin backend:

sudo ./vendor/bin/sail up -d

To execute above command, make sure that docker service is running.

**4. Execute Migration**

Open a new terminal tab and navigate to the bookstore\_backend directory. Then, execute the following command to go inside the Docker container:

sudo docker exec -it bookstore\_backend-laravel.test-1 bash

After that execute following command to create table and insert data items into the table:

php artisan migrate

**4. Set Up the Customer Frontend**

Open a new terminal tab and navigate to the bookstore\_backend directory. Then, execute the following commands inside the Docker container:

sudo docker exec -it bookstore\_backend-laravel.test-1 bash

After that execute following command to spin up the customer frontend:

npm run dev

**5. Set Up the Admin Frontend**

Open another new terminal tab and execute the following commands inside the bookstore\_backend directory to start the server for the admin frontend:

cd bookstore\_admin\_frontend && npm run dev

**Usage**

Once you have completed the setup, you can access and use the Bookstore application as follows:

* Customer Frontend: Access the customer frontend at http://localhost. You can search for books, view books list.
* Admin Frontend: Access the admin frontend at http://localhost:8080. Admins can manage books, authors, genres, and other aspects of the bookstore.
* You can access database through phpMyAdmin at [http://localhost:8001](http://localhost:8001/) and there should be a books table inside bookstore database. Username for database is **sudo** and password is **password**
* To stop and remove docker conatiner insances execute following command

sudo ./vendor/bin/sail up -down