# Bookstore

## Introduction

The purpose of this document is to provide an overview of the "Bookstore" project. This document includes an overview of the project, its objectives, and its features.

## Overview

"Bookstore" is a web-based application that allows users to search and read books online. The application provides a catalogue of books. Users can create accounts to save their favourite books, as well as review books they have read.

## Objectives

The primary objectives of the "Bookstore" project are:

* To provide users with an easy-to-use platform to search and read books online.
* To provide a comprehensive catalogue of books.
* To allow users to save their favourite books, as well as review books they have read.
* To ensure the security and privacy of user data.

## Features

The "Bookstore" application includes the following features:

* User authentication and authorization.
* Book catalogue functionality.
* Book detail pages with information such as author, genre and publication date.
* User functionality to save favourite books.
* Admin command to manage user roles and interface to add/edit or delete the books ore export them in csv. file.

## Technology Stack

The "Bookstore" application is built using the following technologies:

* Laravel PHP framework for back-end development;
* MySQL database for data storage;
* Bootstrap CSS framework for UI design;
* Pure CSS and TypeScript;
* Git for version control.

## Installation

Before using Bookstore, check if you have Composer, xampp and Node.js installed. To install and run the "Bookstore" application, follow these steps:

1. Install the files from GitHub;
2. Navigate to the root of the project directory;
3. Run the following command in cmd to launch application php artisan serve;
4. Run the following command in second cmd in the project directory npm run dev
5. Don’t forget to start your mySQL server, migrate the migrations using php artisan migrate and seed the UserRoleTableSeeder using the command in the root of the project directory: php artisan make:seeder UserRoleTableSeeder;
6. You can also execute provided SQL query to fill in the database;
7. Access the application in your web browser at http://localhost:8000;
8. You can also use Visual Studio Code for commands since it’s better for working with multiple terminals.

## Conclusion

The "Bookstore" application provides users with a convenient way to search and read books online. The application is built using modern technologies, ensuring security and reliability. With its comprehensive catalogue and user-friendly interface, "Bookstore" is sure to become a favourite among book lovers.