**Description**

Guest users can list and filter the books, show the details of each book and add books to their cart but they need to login to continue and checkout their order

**How it works**

* When the customer visits the home page he will be displayed a collection of books.
* The customer will be able to browse and filter the books
* He will be able to add the books that he wants to his card and a cart icon will display how many items he has in the cart.
* The customer will be able to checkout and pay his order if he logged in and if not he will be redirected to the login page and after completing the login he will be redirected back to the checkout page.
* The customer will be able to modify the quantities of the items in the cart before the checkout process.
* If the customer completed the payment process successfully he will be redirected to a payment success confirmation page.

## **Targeted audience**

People who love reading and students.

## **Account creation for Guests**

* First Name
* Last Name
* Email
* Password

## **Portal screens**

* The landing screen/product listing screen
  + Welcoming landing page
  + Books listing section
  + Filter Books Section
  + Search Books
  + Why us section
* Book Details Screen
  + The Book Details section
  + Similar Books Section
* Cart Screen
  + Cart Items listing
  + Pay & Checkout Button
  + Display total price

* Profile Screen
  + User profile picture
  + User informations section
  + Edit user information section
  + Listing user orders
* Payment Screen
  + Payment success message
* Order Details page
  + Order total price
  + Customer informations
  + List of items and quantities in the orders
* Sign in Screen
  + User login with email and password
  + Forgot password section
* Sign up Screen
  + User Signup with first name, last name, email and password.
* Categories Screen
  + List all categories

## **Requirements**

| **Requirement** | **User Story** | **Importance** | **Notes** |
| --- | --- | --- | --- |
| Listing Page/Landing Page | Users can check out a list of books.  Users can add books to cart. | Must have |  |
| Book Details Page | more information about the book.  Users can add/remove the book to the cart. | Must have |  |
| Shopping Cart | more information about Shopping cart | Must have |  |
| Categories page | Displays all categories. | Should have |  |
| Books page | Displays all books | Should have |  |
| Sign up / Sign in pages | Sign up / sign in functionalities. | Must have |  |
| User Profile page | Users can view and modify their information.  View their orders. | Must have |  |
| Admin pages | Admin can manipulate books, categories, orders, users | Must have |  |

## **Actions / Steps to take**

| **Platform** | **brief** | **Function Lead decision** |
| --- | --- | --- |
| Backend | \* Receiving a list of all books to display on the landing page & books page (books filtered by name, category, author) (Method: GET, Return: JSON)  \* Receiving specific book details (Method: GET, Return: JSON)  \* Receiving user info on the user’s profile page (Method: GET, Return: JSON)  \* Receiving a list of orders for user or admin on user’s profile page & admin page (Method: GET, Return: JSON)  \* Receiving a list of categories on the admin page.  \* Add, Update & Delete book on the admin page, also Add & delete for category (Method: POST, Return: JSON)  \* Add books to cart (Method: POST, Return: JSON) |  |
| Frontend | Page Components:  \* BooksComponent - Page  \* BookDetailsComponent  \* CartComponent  \* ProfileComponent  \* Register / Sign in components |  |