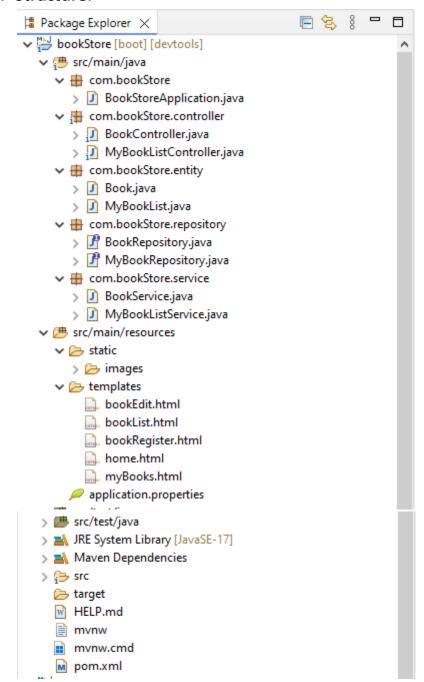
1. Structure:



BookStoreApplication.java:

```
package com.bookStore;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
@SpringBootApplication
public class BookStoreApplication {
    public static void main(String[] args) {
```

```
SpringApplication.run(BookStoreApplication.class, args);
      }
BookController.java:
package com.bookStore.controller;
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.*;
import org.springframework.web.servlet.ModelAndView;
import com.bookStore.entity.Book;
import com.bookStore.entity.MyBookList;
import com.bookStore.service.BookService;
import com.bookStore.service.MyBookListService;
import org.springframework.ui.Model;
@Controller
public class BookController {
      @Autowired
      private BookService service;
      @Autowired
      private MyBookListService myBookService;
      @GetMapping("/")
      public String home() {
             return "home";
      @GetMapping("/book_register")
      public String bookRegister() {
             return "bookRegister";
      }
      @GetMapping("/available_books")
      public ModelAndView getAllBook() {
             List<Book> list=service.getAllBook();
             /*ModelAndView m=new ModelAndView();
             m.setViewName("bookList");
             m.addObject("book",list);*/
             return new ModelAndView("bookList", "book", list);
      }
      @PostMapping("/save")
      public String addBook(@ModelAttribute Book b) {
             service.save(b);
             return "redirect:/available_books";
      }
```

```
@GetMapping("/my_books")
      public String getMyBooks(Model model) {
             List<MyBookList> list=myBookService.getAllMyBooks();
             model.addAttribute("book",list);
             return "myBooks";
      @RequestMapping("/mylist/{id}")
      public String getMyList(@PathVariable("id") int id) {
             Book b=service.getBookById(id);
             MyBookList mb=new
MyBookList(b.getId(),b.getName(),b.getAuthor(),b.getPrice());
             myBookService.saveMyBooks(mb);
             return "redirect:/my_books";
      }
      @RequestMapping("/editBook/{id}")
      public String editBook(@PathVariable("id") int id, Model model) {
             Book b=service.getBookById(id);
             model.addAttribute("book",b);
             return "bookEdit";
      @RequestMapping("/deleteBook/{id}")
      public String deleteBook(@PathVariable("id") int id) {
             service.deleteById(id);
             return "redirect:/available_books";
      }
MyBookListController.java:
package com.bookStore.controller;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import com.bookStore.service.MyBookListService;
@Controller
public class MyBookListController {
      @Autowired
      private MyBookListService service;
      @RequestMapping("/deleteMyList/{id}")
      public String deleteMyList(@PathVariable("id") int id) {
             service.deleteById(id);
             return "redirect:/my_books";
      }
Book.java:
package com.bookStore.entity;
import jakarta.persistence.Entity;
```

```
import jakarta.persistence.GeneratedValue;
import jakarta.persistence.GenerationType;
import jakarta.persistence.Id;
@Entity
public class Book {
      @Id
      @GeneratedValue(strategy = GenerationType.IDENTITY)
      private int id;
      private String name;
      private String author;
      private String price;
      public Book(int id, String name, String author, String price) {
             super();
             this.id = id;
             this.name = name;
             this.author = author;
             this.price = price;
      public Book() {
             super();
      public int getId() {
             return id;
      public void setId(int id) {
             this.id = id;
      public String getName() {
             return name;
      public void setName(String name) {
             this.name = name;
      public String getAuthor() {
             return author;
      public void setAuthor(String author) {
             this.author = author;
      public String getPrice() {
             return price;
      public void setPrice(String price) {
             this.price = price;
      }
MyBookList.java:
package com.bookStore.entity;
import jakarta.persistence.Entity;
import jakarta.persistence.Id;
import jakarta.persistence.Table;
```

```
@Entity
@Table(name="MyBooks")
public class MyBookList {
      @Id
      private int id;
      private String name;
      private String author;
      private String price;
      public MyBookList() {
             super();
             // TODO Auto-generated constructor stub
      public MyBookList(int id, String name, String author, String price) {
             super();
             this.id = id;
             this.name = name;
             this.author = author;
             this.price = price;
      public int getId() {
             return id;
      }
      public void setId(int id) {
             this.id = id;
      public String getName() {
             return name;
      public void setName(String name) {
             this.name = name;
      }
      public String getAuthor() {
             return author;
      public void setAuthor(String author) {
             this.author = author;
      public String getPrice() {
             return price;
      }
      public void setPrice(String price) {
             this.price = price;
      }
BookRepository.java:
package com.bookStore.repository;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;
import com.bookStore.entity.Book;
@Repository
public interface BookRepository extends JpaRepository<Book,Integer> {
```

```
MyBookRepository.java:
package com.bookStore.repository;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;
import com.bookStore.entity.MyBookList;
@Repository
public interface MyBookRepository extends JpaRepository<MyBookList,Integer>{
BookService.java:
package com.bookStore.service;
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
import com.bookStore.entity.Book;
import com.bookStore.repository.BookRepository;
@Service
public class BookService {
      @Autowired
      private BookRepository bRepo;
      public void save(Book b) {
            bRepo.save(b);
      public List<Book> getAllBook(){
            return bRepo.findAll();
      public Book getBookById(int id) {
             return bRepo.findById(id).get();
      public void deleteById(int id) {
             bRepo.deleteById(id);
      }
MyBookListService.java:
package com.bookStore.service;
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
import com.bookStore.entity.MyBookList;
import com.bookStore.repository.MyBookRepository;
@Service
public class MyBookListService {
      @Autowired
      private MyBookRepository mybook;
      public void saveMyBooks(MyBookList book) {
            mybook.save(book);
      public List<MyBookList> getAllMyBooks(){
             return mybook.findAll();
```

```
public void deleteBvId(int id) {
            mybook.deleteById(id);
      }
bookEdit.html:
<!doctype html>
<html lang="en" xmlns:th="https://www.thymeleaf.com">
  <head>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
   <title>Book Store</title>
  </head>
  <body>
      <nav class="navbar navbar-expand-lg navbar-light bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand text-white" href="#">Book Store</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
           <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
           <a class="nav-link active text-white" aria-current="page"</pre>
href="/">Home</a>
             <a class="nav-link text-white" href="available_books">Available
Books</a>
             <a class="nav-link text-white" href="my_books">My
Books</a>
                  <div>
                   <a class="nav-link text-white" href="book_register">New Book
Register</a>
              </div>
          </div>
        </div>
      </nav>
      <div class="container my-5 p-5" style="border:1px solid black;">
            <h4 class="text-center">Edit Book Here</h4>
            <form class="col-md-4 offset-md-4" th:action="@{/save}" method="post"</pre>
th:object="${book}">
```

```
<input type="hidden" name="id" th:value="${book.id}"/>
               <div class="mb-3">
                 <label for="name" class="form-label">Name</label>
                 <input type="text" class="form-control" name="name"</pre>
th:value="${book.name}">
               </div>
               <div class="mb-3">
                          <label for="author" class="form-label">Author</label>
                           <input type="text" class="form-control" name="author"</pre>
th:value="${book.author}">
               </div>
             <div class="mb-3">
                           <label for="price" class="form-label">Price</label>
                          <input type="text" class="form-control" name="price"</pre>
th:value="${book.price}">
             </div>
              <center> <button type="submit" class="btn btn-</pre>
primary">Submit</button></center>
             </form>
      </div>
           <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFY1zcLA8N1+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>
  </body>
</html>
bookList.html:
<!doctype html>
<html lang="en" xmlns:th="https://www.thymeleaf.com">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <title>Book Store</title>
      <script src="https://kit.fontawesome.com/0faddc1af8.js"</pre>
crossorigin="anonymous"></script>
  </head>
  <body>
      <nav class="navbar navbar-expand-lg navbar-light bg-dark">
        <div class="container-fluid">
           <a class="navbar-brand text-white" href="#">Book Store</a>
```

```
<button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
         <span class="navbar-toggler-icon"></span>
       </button>
       <div class="collapse navbar-collapse" id="navbarSupportedContent">
         <a class="nav-link active text-white" aria-current="page"</pre>
href="/">Home</a>
          <a class="nav-link text-white" href="available_books">Available
Books</a>
          <a class="nav-link text-white" href="my books">My
Books</a>
              <div>
               <a class="nav-link text-white" href="book register">New Book
Register</a>
           </div>
       </div>
      </div>
    </nav>
    <div class="container my-5 col-md-6">
         <thead>
            Id
             Name
             Author
             Price
               Action
            </thead>
           <a class="btn btn-secondary btn-sm"
th:href="@{/mylist/{id}(id=${b.id}))}">Add To MyBook</a>
                   <a style="color:blue"</pre>
th:href="@{/editBook/{id}(id=${b.id}))"><i class="fa-solid fa-pen-to-square ms-
4"></i>></a>
                   <a style="color:red"</pre>
th:href="@{/deleteBook/{id}(id=${b.id}))}"><i class="fa-solid fa-trash ms-4"></i></a>
```

```
</div>
         <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFY1zcLA8N1+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
         <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcOF"
crossorigin="anonymous"></script>
  </body>
</html>
BookRegister.html:
<!doctype html>
<html lang="en" xmlns:th="https://www.thymeleaf.com">
  <head>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-scale=1">
   k
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
   <title>Book Store</title>
  </head>
  <body>
      <nav class="navbar navbar-expand-lg navbar-light bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand text-white" href="#">Book Store</a>
         <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
           <span class="navbar-toggler-icon"></span>
         <div class="collapse navbar-collapse" id="navbarSupportedContent">
           <a class="nav-link active text-white" aria-current="page"</pre>
href="/">Home</a>
             <a class="nav-link text-white" href="available books">Available
Books</a>
```

```
<a class="nav-link text-white" href="my_books">My
Books</a>
                   <div>
                    <a class="nav-link text-white" href="book_register">New Book
Register</a>
               </div>
          </div>
        </div>
      </nav>
      <div class="container my-5 p-5" style="border:1px solid black;">
             <h4 class="text-center">New Book Register</h4>
             <form class="col-md-4 offset-md-4" th:action="@{/save}" method="post">
               <div class="mb-3">
                 <label for="name" class="form-label">Name</label>
                 <input type="text" class="form-control" name="name">
               </div>
               <div class="mb-3">
                          <label for="author" class="form-label">Author</label>
                          <input type="text" class="form-control" name="author">
               </div>
             <div class="mb-3">
                          <label for="price" class="form-label">Price</label>
                          <input type="text" class="form-control" name="price">
             </div>
              <center> <button type="submit" class="btn btn-</pre>
primary">Submit</button></center>
             </form>
      </div>
          <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFY1zcLA8N1+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>
  </body>
</html>
Home.html:
<!doctype html>
<html lang="en" xmlns:th="https://www.thymeleaf.com">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
   <title>Book Store</title>
  </head>
  <body>
      <nav class="navbar navbar-expand-lg navbar-light bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand text-white" href="#">Book Store</a>
         <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
           <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
           <a class="nav-link active text-white" aria-current="page"</pre>
href="/">Home</a>
             <a class="nav-link text-white" href="available books">Available
Books</a>
             <a class="nav-link text-white" href="my_books">My
Books</a>
                  <div>
                   <a class="nav-link text-white" href="book register">New Book
Register</a>
              </div>
         </div>
        </div>
      </nav>
      <div class="container text-center my-5">
            <h1>WELCOME TO NEW BOOK STORE</h1>
                        This system is designed to simplify the process of
            <h6>
managing books for book lovers, students, and store owners alike.
                Effortlessly add, edit, or delete book details, including the name,
author, and price. Create a personalized list of books you wish to purchase and
manage them seamlessly.
```

The application combines efficiency with simplicity, offering a user-friendly interface to make managing books as easy as turning a page in your favorite novel. Whether you're an avid reader, a library administrator, or a store manager, this system is here to make your book management journey smooth and enjoyable.

Stay organized, save time, and focus on discovering great stories. This platform is your all-in-one solution for cataloging, organizing, and tracking books.

Begin your journey into the world of books today, and let the Book Store Management System be your ultimate companion.

```
Start exploring the world of books today!</h6>
              <img src="/images/bg.png" width="360px"/>
      </div>
          <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFY1zcLA8N1+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
          <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>
  </body>
</html>
MyBooks.html:
<!doctype html>
<html lang="en" xmlns:th="https://www.thymeleaf.com">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    k
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTON3/azprG1Anm3ODgpJLIm9NaoOYz1ztcOTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <title>Book Store</title>
      <script src="https://kit.fontawesome.com/0faddc1af8.js"</pre>
crossorigin="anonymous"></script>
  </head>
  <body>
      <nav class="navbar navbar-expand-lg navbar-light bg-dark">
        <div class="container-fluid">
          <a class="navbar-brand text-white" href="#">Book Store</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            class="nav-item">
```

```
<a class="nav-link active text-white" aria-current="page"</pre>
href="/">Home</a>
          class="nav-item">
            <a class="nav-link text-white" href="available_books">Available
Books</a>
          <a class="nav-link text-white" href="my books">My
Books</a>
              <div>
              <a class="nav-link text-white" href="book_register">New Book
Register</a>
          </div>
       </div>
      </div>
    </nav>
    <div class="container my-5 col-md-6">
         <thead>
            >
             Id
             Name
             Author
             Price
               Action
            </thead>
           <a style="color:red"
th:href="@{/deleteMyList/{id}(id=${b.id})}"><i class="fa-solid fa-
trash"></i></a>
            </div>
       <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFY1zcLA8N1+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
       <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"
integrity="sha384-IQsoLX15PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
```

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.hibernate.ddl-auto=update

spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL8Dialect

SCREENSHOTS:

Home page:

Book Store Home Available Books My Books

New Book Register

WELCOME TO NEW BOOK STORE

This system is designed to simplify the process of managing books for book lovers, students, and store owners alike. Effortlessly add, edit, or delete book details, including the name, author, and price. Create a personalized list of books you wish to purchase and manage them seamlessly. The application combines efficiency with simplicity, offering a user-friendly interface to make managing books as easy as turning a page in your favorite novel. Whether you're an avid reader, a library administrator, or a store manager, this system is here to make your book management journey smooth and enjoyable. Stay organized, save time, and focus on discovering great stories. This platform is your all-in-one solution for cataloging, organizing, and tracking books. Begin your journey into the world of books today, and let the Book Store Management System be your ultimate companion. Start exploring the world of books today.



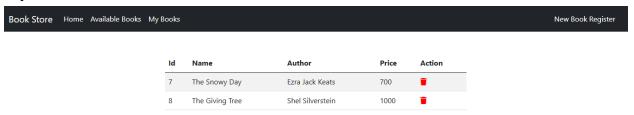
Available Books:

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