Prolifics

.Arsenal Book Store Management System

Group Number: 7

Contributions

Front-End

1. Harshit - Angular (HTML,CSS, Bootstrap)

Java

1. Harshit - Java (Spring Boot, REST-API)
2. Deepika - Java (Spring Boot, REST-API)
3. Gouthami - Java (Spring Boot, REST-API)
4. Bodhini - Java (Spring Boot, REST-API)

Database

1. Harshit - MYSQL(Schema Design & Implementation)
2. Deepika - MYSQL (Implementation & ER-Design)
3. Gouthami - MYSQL (Implementation & ER-Design)
4. Bodhini - MYSQL(Implementation & Schema)

Introduction

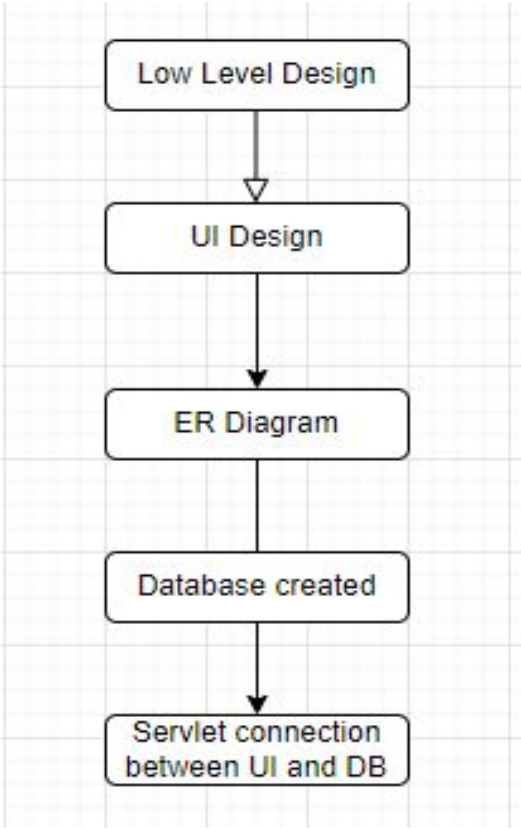
- **Modern E-commerce Solution**: Our Online Book Store Management System leverages the power of Java SpringBoot, Angular, and MySQL to provide a cutting-edge e-commerce platform.
- **Efficient Inventory Management**: With this system, books are efficiently managed in a MySQL database, enabling real-time tracking of book details, availability, and pricing.
- **Seamless User Experience**: Customers can easily search, browse, and purchase books, while the responsive design ensures a consistent look and feel across various devices.
- **Secure and Scalable**: Our system prioritizes security, protecting sensitive data such as customer information and payment details.
- **Enhanced Customer Interaction**: Through personalized recommendations, customer reviews, and efficient order processing, this system fosters better customer engagement.

Introduction

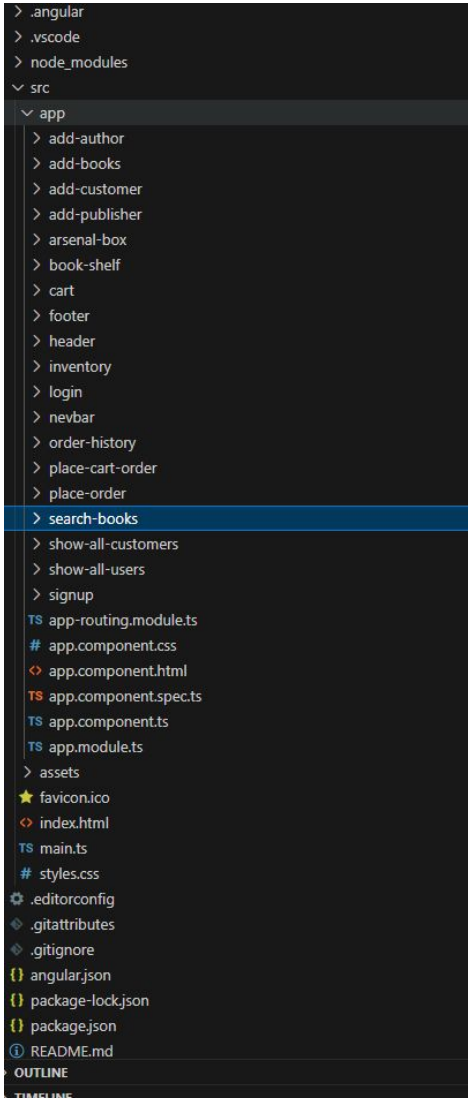
- This has 5 key modules namely
    1. **Registration**
    2. **Login**
    3. **Place Order (Single Unit & Via Cart)**
    4. **Searching Books and**
    5. **Admin View.**
- The main features of this system are reservation, automation of bookstore functions, order, cart and payment management and maintain customer data.

Workflow

- First, we went over the project's fundamental requirements. After starting with low level design, we started our UI design in accordance with that.
- Later, based on our specifications, we began working on an ER diagram. The DB team began development on the Database after the ER Diagram was approved.
- Then the Java team developed API connections between the UI and the database.



Components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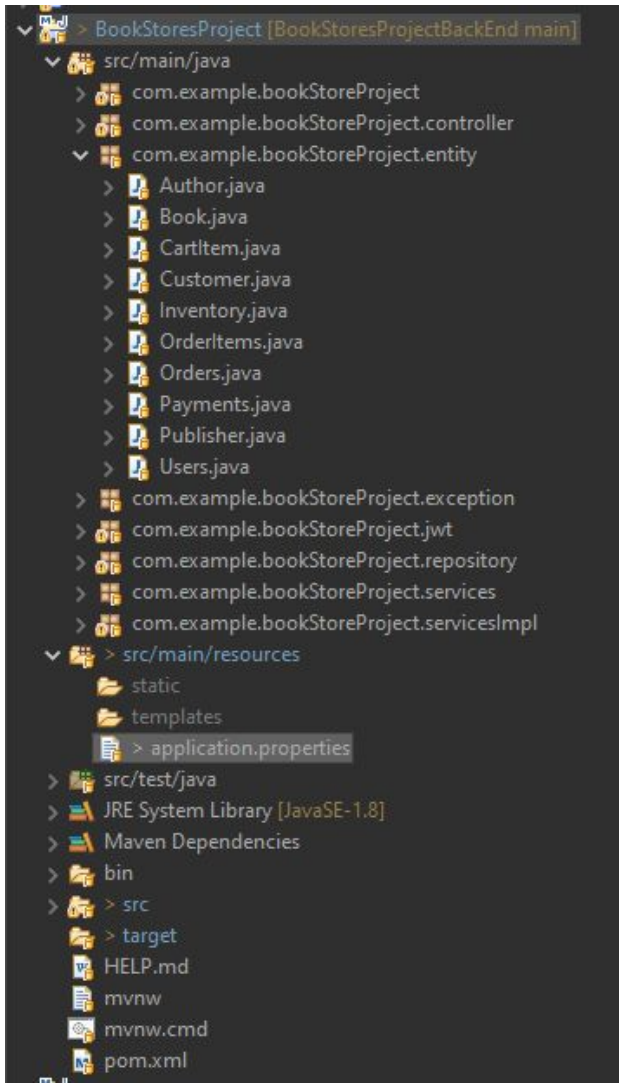
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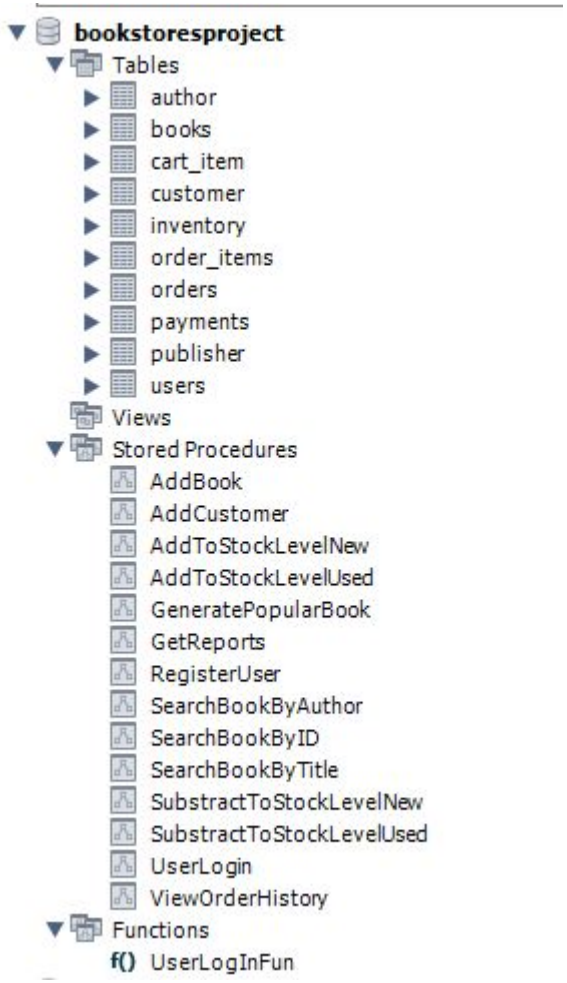
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Technologies and Versions of software

- **FRONT-END :** Angular (HTML, CSS, JavaScript, BootStarp)

  Software : Visual Studio

- **JAVA** : Java (Spring Boot, REST-API, JWT)

  Software : Java 1.8

  Spring V 2.7.15

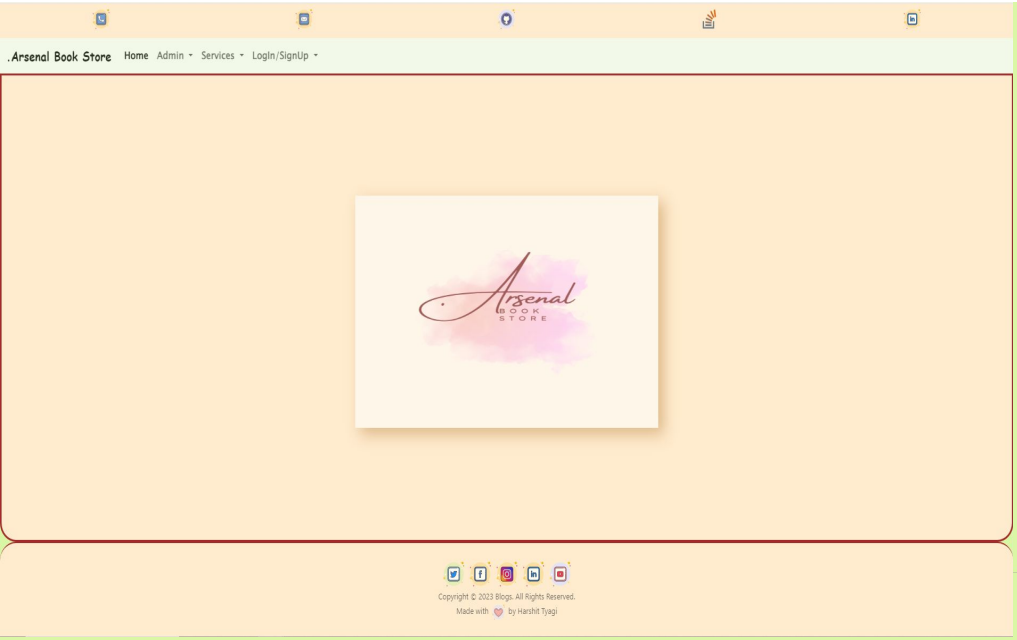
  Eclipse 4.27

  Postman 10.16

- **Database** : MYSQL

  Software : MYSQL Workbench 8.0.30

SnapShots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BOOK STORE
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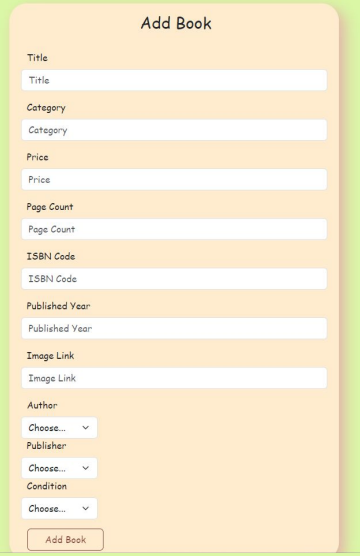
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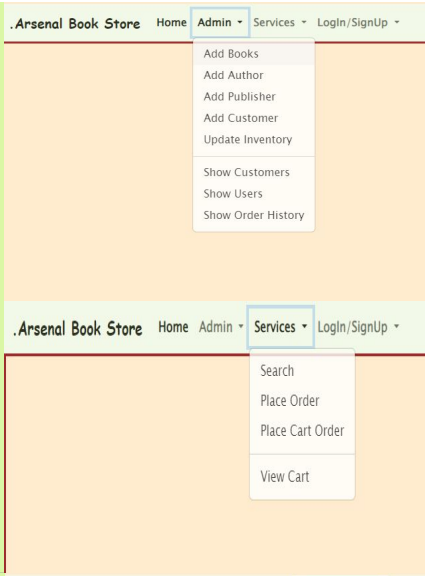
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Show Users
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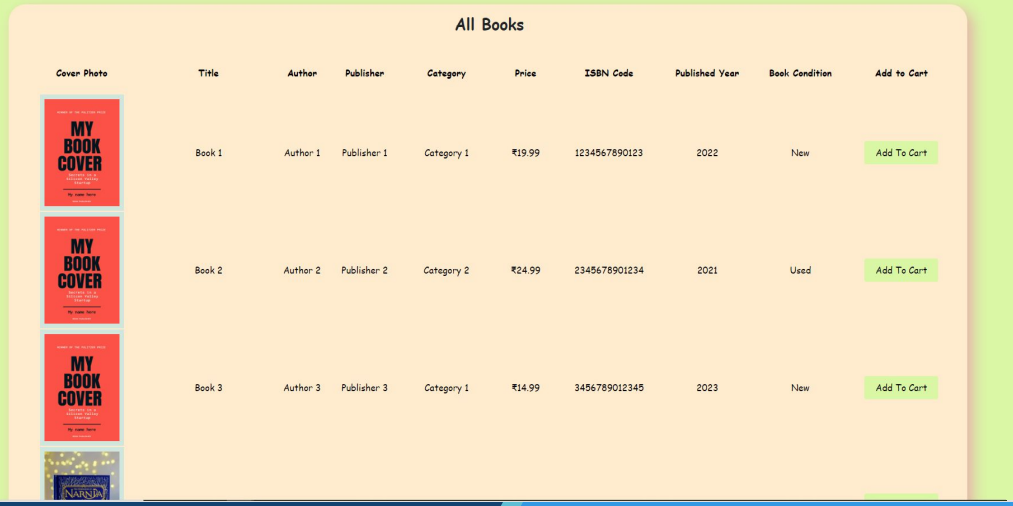
User Log In
User Registration?
Log Out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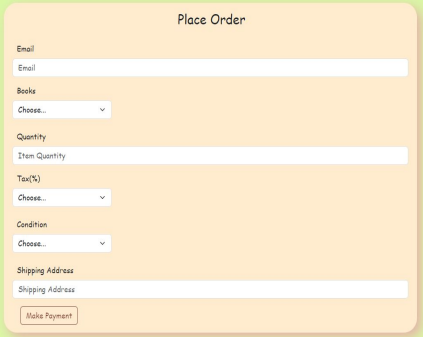
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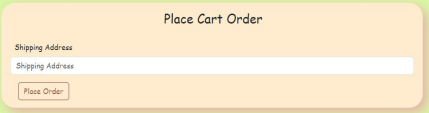
Make Payment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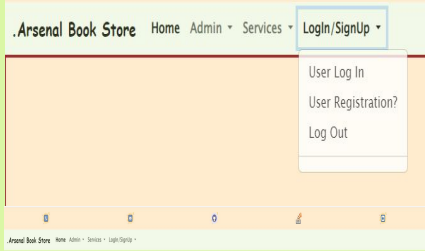
Place Order



Log In

Thank You

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Headquarters

24025 Park Sorrento, Suite 405
Calabasas, CA 91302
P: 818.582.4952 / F: 818.224.5269

NEW YORK
5 Hanover Square,
Suite 2001
New York, NY 10004

WESTBURY
865 Merrick Avenue
Suite 10S
Westbury, NY 11590

ORLANDO
20 North Orange Avenue, Suite 1211
Orlando, FL 32801
P: 407.641.0800
F: 407.420.9484

PLEASANTON
7041 Koll Center Parkway, Suite 135
Pleasanton, CA 94566
P: 408.653.2020

BERKSHIRE
Suite 1-10 | SoanePoint
6-8 Market Place
Reading | Berkshire RG1 2EG
United Kingdom

HAMBURG
Rodingsmarkt20
20459 Hamburg
Germany
P: +49 (0)40 890 667-88
F: +49 (0)40 890 667-99

OTTAWA
100-237 Argyle Avenue
Ottawa, ON K2P 1B8
P: 866.639.1451

TORONTO
100 King Street West
Suite 5600
Toronto, ON M5X 1C9

INDIA
Hyderabad (Registered Office)
5th Floor,
DHFLVC Silicon Towers,
Survey No 14, Kondapur, Hyderabad - 500032

Plot #226, Road #17
Jubilee Hills, Hyderabad - 500033
P: +91 40 39991999 / +1 818 301 4945
F: +91 40 23114651

8th Floor, Block - 3
Plot #229-232, APHB Colony
DLF Commercial Developer Ltd. SEZ
Gachibowli Village, Hyderabad - 500029

9th Floor, Building # 20
MindSpace SEZ,
K. Raheja IT Park Pvt. Ltd, HITEC City
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Cerebrum IT Park
Units 1&2, First Floor, Building# B3
Kalyaninagar, Pune - 411014

TVK Industrial Estate
7th Floor, R R Towers - III
Guindy, Chennai, TN - 600032