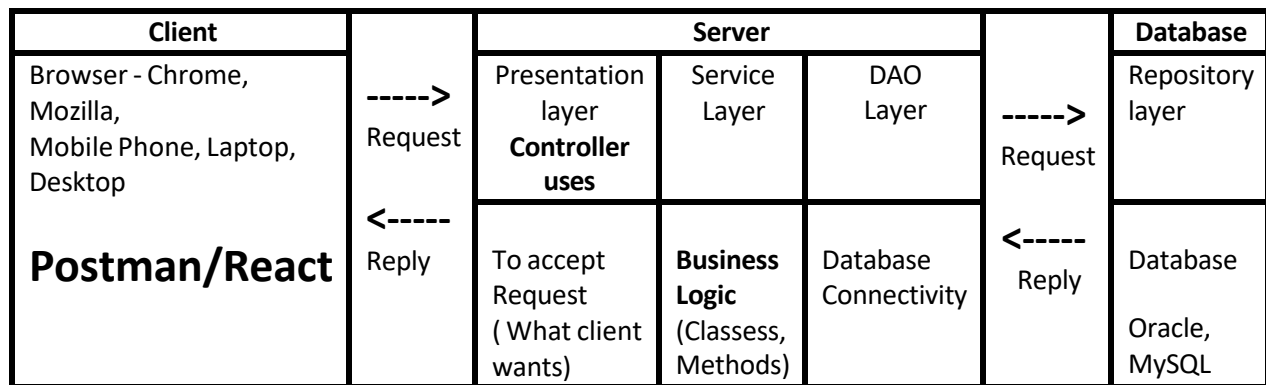


## Experiment Number: 06

**Title:.** Design and develop a responsive website for an online book store using REACT, Django/Springboot/Node JS/ PHP and MySQL/ MongoDB/Oracle having 1) Home Page2) Login Page 3) Catalogue Page: 4) Registration Page: (database)

### Theory:

**Understanding J2EE / Spring Boot Communication Client Server Architecture (Horizontal Slicing)**



### Spring allows you:

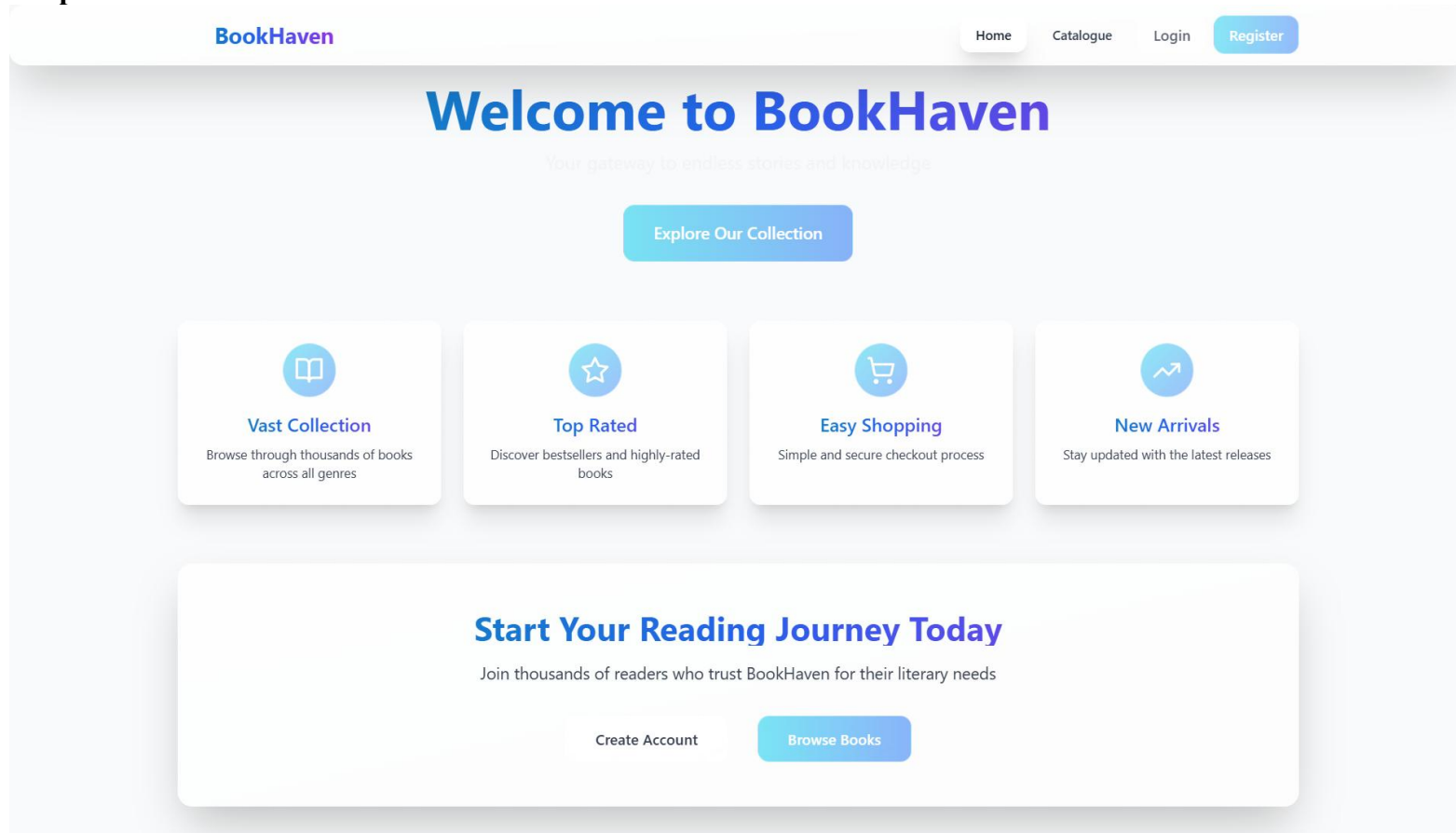
- Make a Java method execute in a database transaction without dealing with transaction APIs.
- Make a local Java method a remote procedure without having to deal with remote APIs.
- Make a local Java method a management operation without having to deal with JMX APIs.
- Make a local Java method a message handler without having to deal with JMS APIs.
- The Spring Framework Inversion of Control (IoC) component provides a formalized means of composing disparate components into a fully working application ready for use.

### Procedure:

- Create a project using spring boot initialize website
- **Add Dependencies:** Spring Web.....MySQL Driver. .... Spring Data JPA
- **Click on:** Generate.....it will generate jar file in download folder
- Extract it
- Open it in ID
- Import - as a maven project
- Tick on ----- pom.xml
- It will update
- **Let us build controller : Controller for REST API** (REST - Representational State Transfer)
- **Create entity class**
- **Generate constructors, getters and setters for entity class**
- **Create interface class**
- **Create service class**
- **Database Connectivity: using JPA**
- **Extends it to JPA Repository:**

- **Service Implementation:**
- **Use – React JS to create front end and axios for routing**

**Output:**







# Create Account

Join BookHaven today


Full Name

 Manasi


Email Address

 mrmph756@gmail.com

Password

 .....

Confirm Password

 .....

Create Account

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# Welcome Back

Sign in to your BookHaven account

Email Address

mrmph756@gmail.com

Password

 .....

Sign In

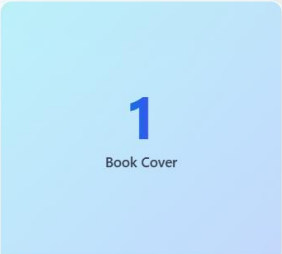
Don't have an account? [Register here](#)

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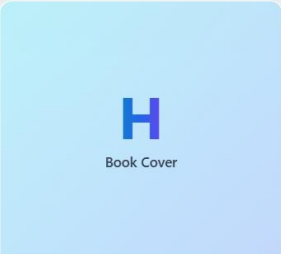
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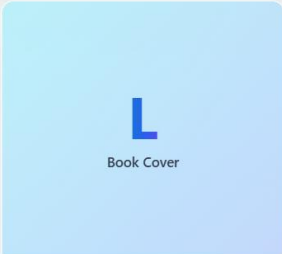
Showing 8 of 8 books



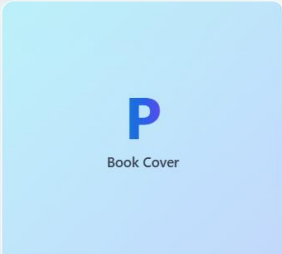
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