

# Online Book Store project

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## **Abstract**

The business-to-consumer aspect of electronic commerce (e-commerce) is the most visible business use of the World Wide Web. The primary goal of an e-commerce site is to sell goods and services online. This project deals with developing an e-commerce website for Online Book Sale. It provides the user with a catalog of different books available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user. The system is implemented using a 3-tier approach, with a backend database, a middle tier of Sun J2EE 1.4 application server and JSP, and a web browser as the front end client. In order to develop an e-commerce website, a number of Technologies must be studied and understood. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as JSP, programming language (such as JAVA, JavaScript, and HTML), relational databases (such as MySQL, Access). This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application. This document will discuss each of the underlying technologies to create and implement an e-book store.

## **Acknowledgements**

In completing this minor project I have been fortunate to have help, support and encouragement from many people. I would like to acknowledge them for their cooperation.

First, I would like to thank Er B L Pal ,my beloved uncle, for guiding me through each and every step of the process with knowledge and support. Thank you for your advice, guidance and assistance.

I would also like to thank Emon, my friend, who showed immense patience and understanding throughout the project and provided suggestions.

## **Introduction**

In the world of software development there lots of improvement in the area of Architectural design and principles. The philosophies and implementation details are changing as the people guiding the development of the application. In this fantastic and yet sometimes complex world of software development there are some tried and true architecture patterns and software development guidelines employed by most architects. Also your design must have an ability to turn towards innovation instead of lending itself to common practices. Web services are one such area where architects must lean on their creative side and hope that their solutions are still successful. In this report we will explain an exciting voyage down the road of Web services application. From requirements to use cases, to database design, to component frameworks, to user interfaces, we will cover each and every aspect of system design required to build an application with collaborative Web services. The reason why I selected online Bookstore web service is everybody walking down the street has some idea about bookstores. The objective of this project is to develop an e-book store where books can be bought from the comfort of home through the Internet. An online book store is a virtual store on the Internet where customers can browse the catalog and select books of interest. The selected books may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a

shipping address, a shipping option, and payment information such as credit card number. An e-mail notification is sent to the customer as soon as the order is placed.

## Technology Used in the project Online Book Store.

### The complete project is developed using the below technology

Workspace : Eclipse IDE

Programming Language : Advance Java

Server : Project will be run over the Apache Tomcat 9

HTML : Page layout has been designed in HTML and JSP.

CSS : CSS has been used for all complete style part.

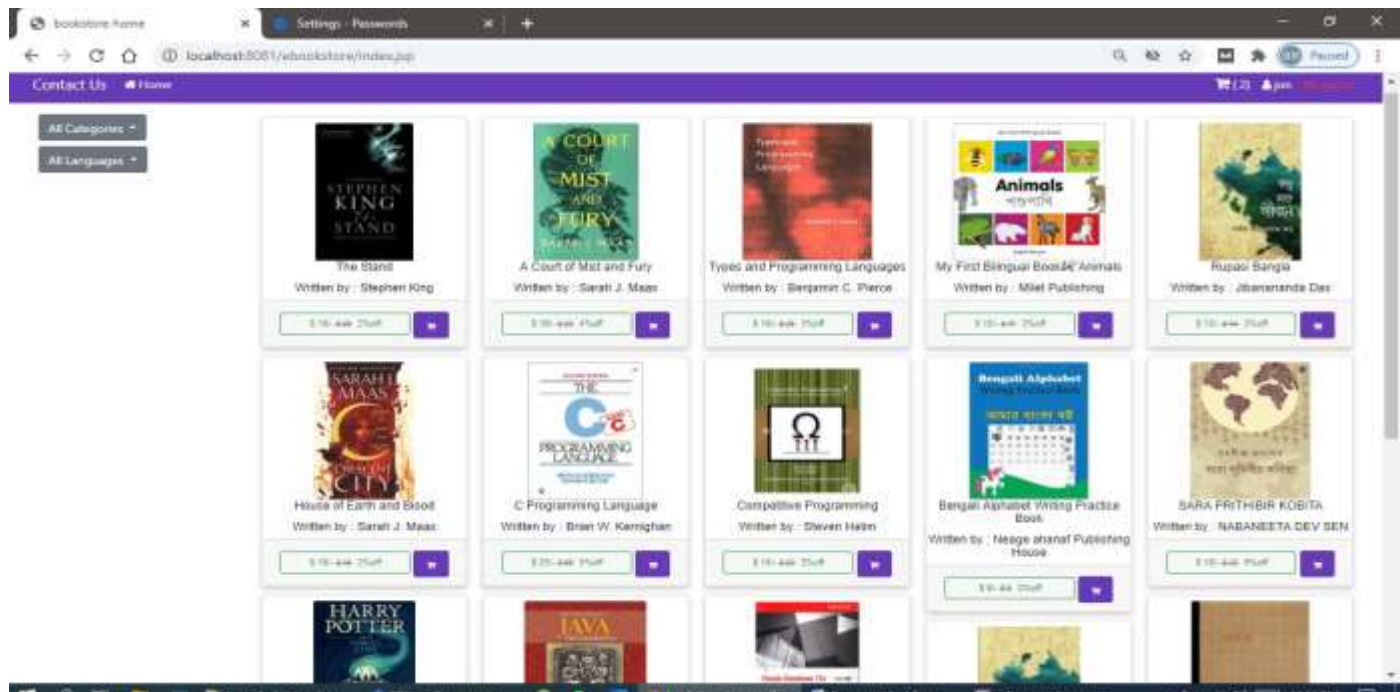
Jsp/Servlet : All the business and frontend logic has been implemented in

Hibernate : Java HIBERNATE technology for database connection

MySQL : MySQL database has been used as a database.

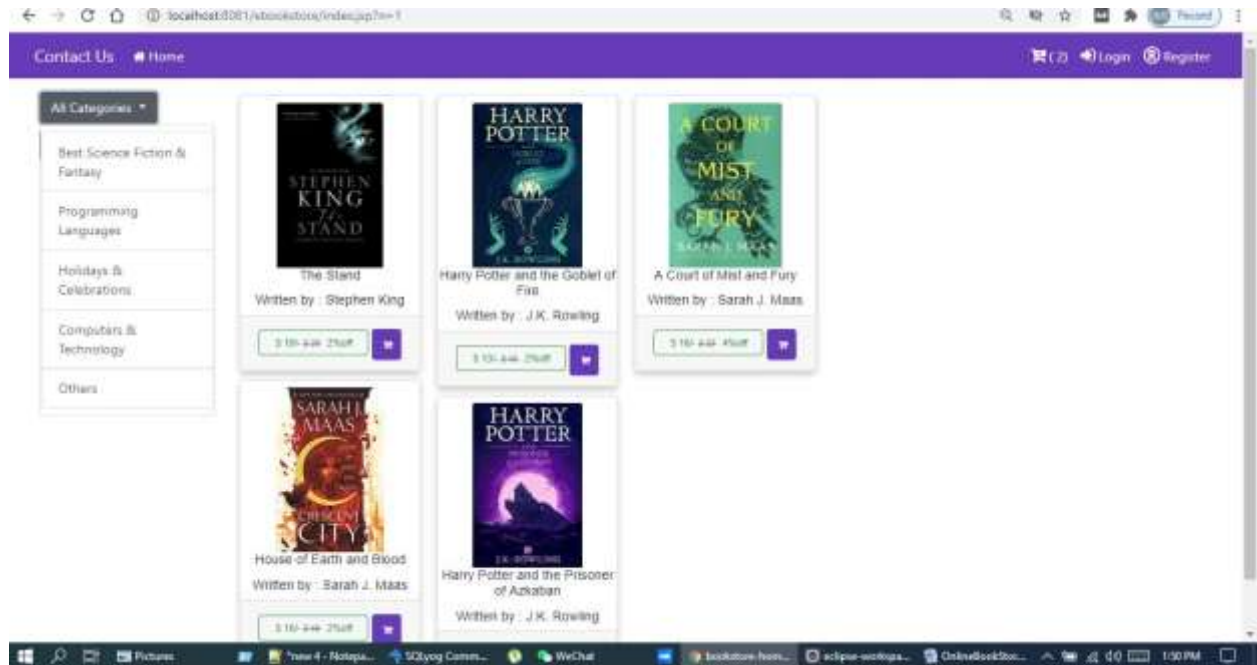
## Screen shorts

### 3.1 Home page

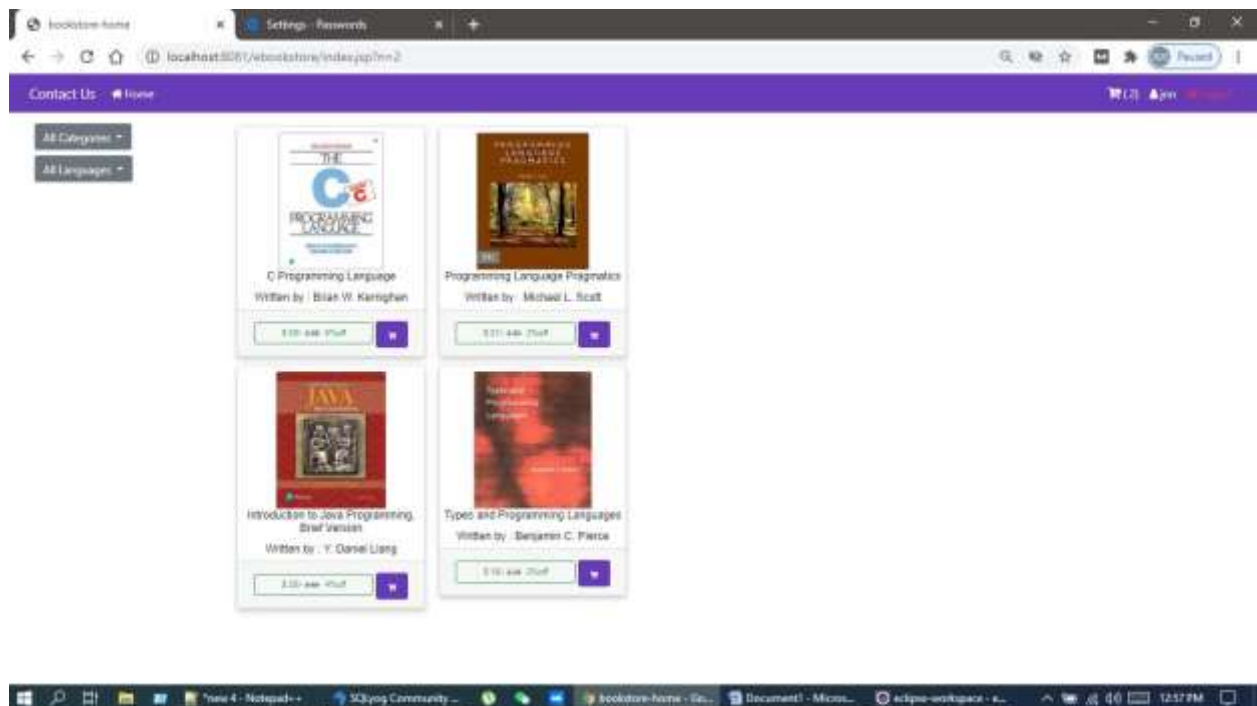


## 3.2 Category wise view

### 3.2.1 Best Science Fiction & Fantasy

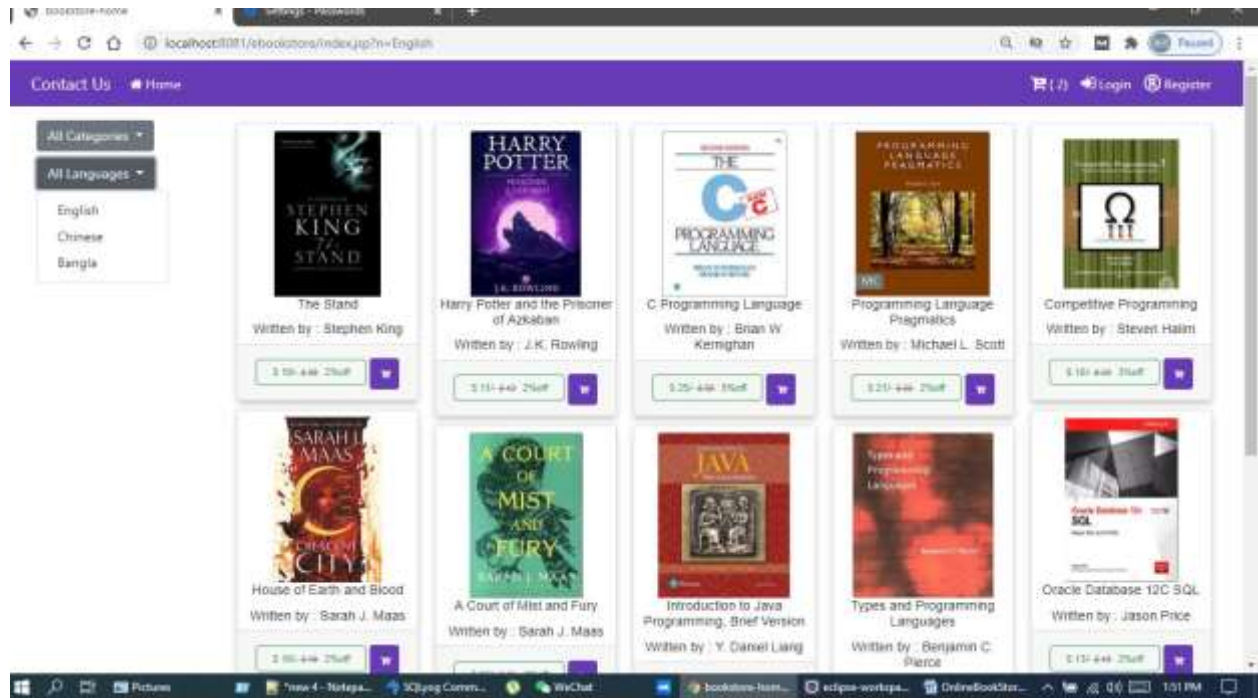


### 3.2.2 Programming Languages

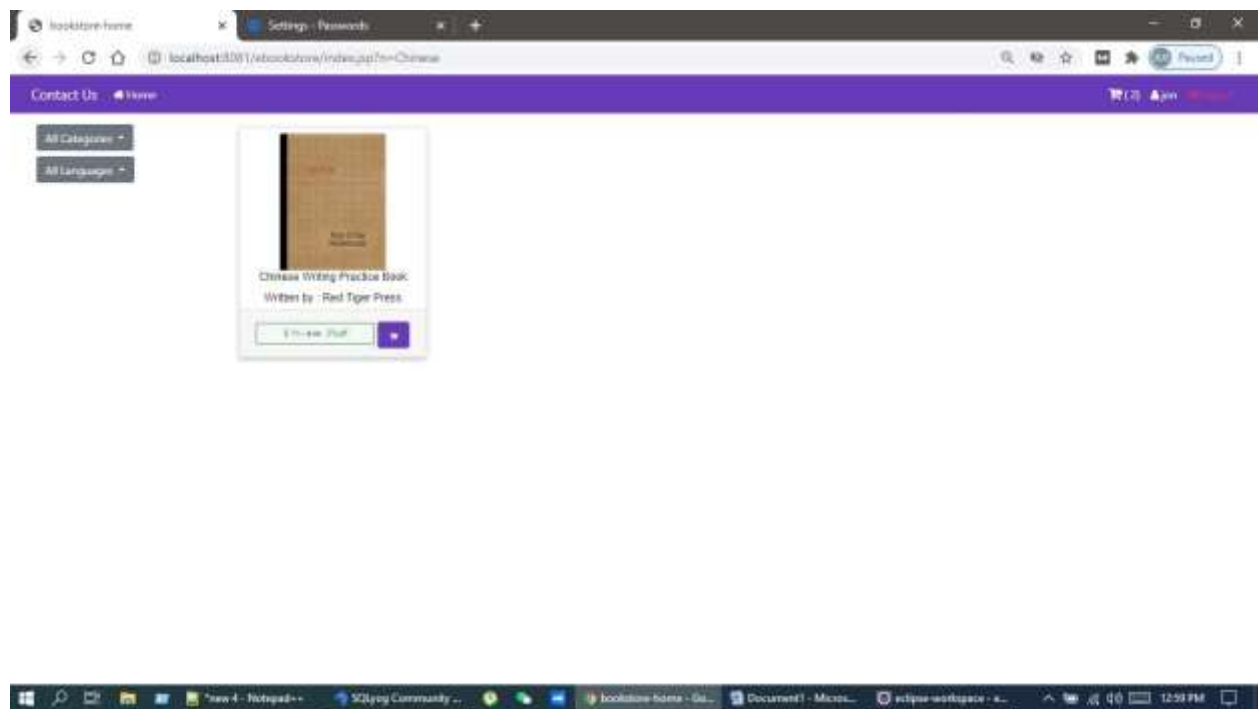


### 3.3 Language wise view

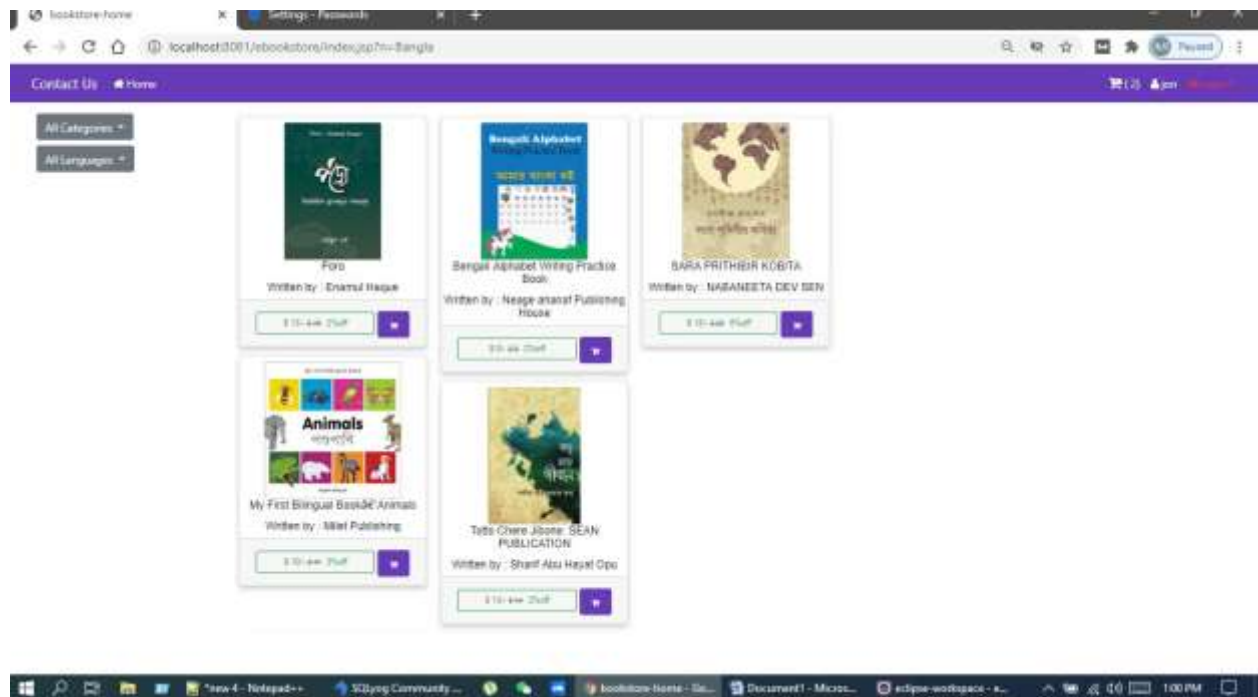
#### 3.3.1 English



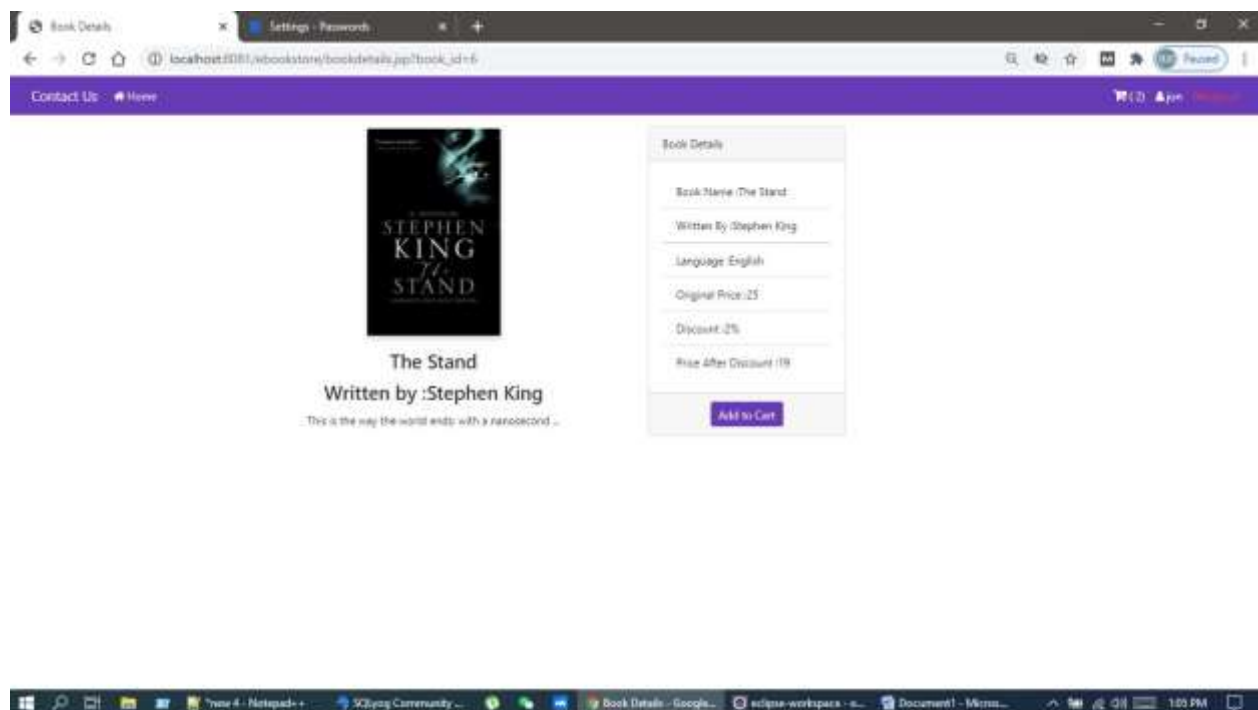
#### 3.3.2 Chinese



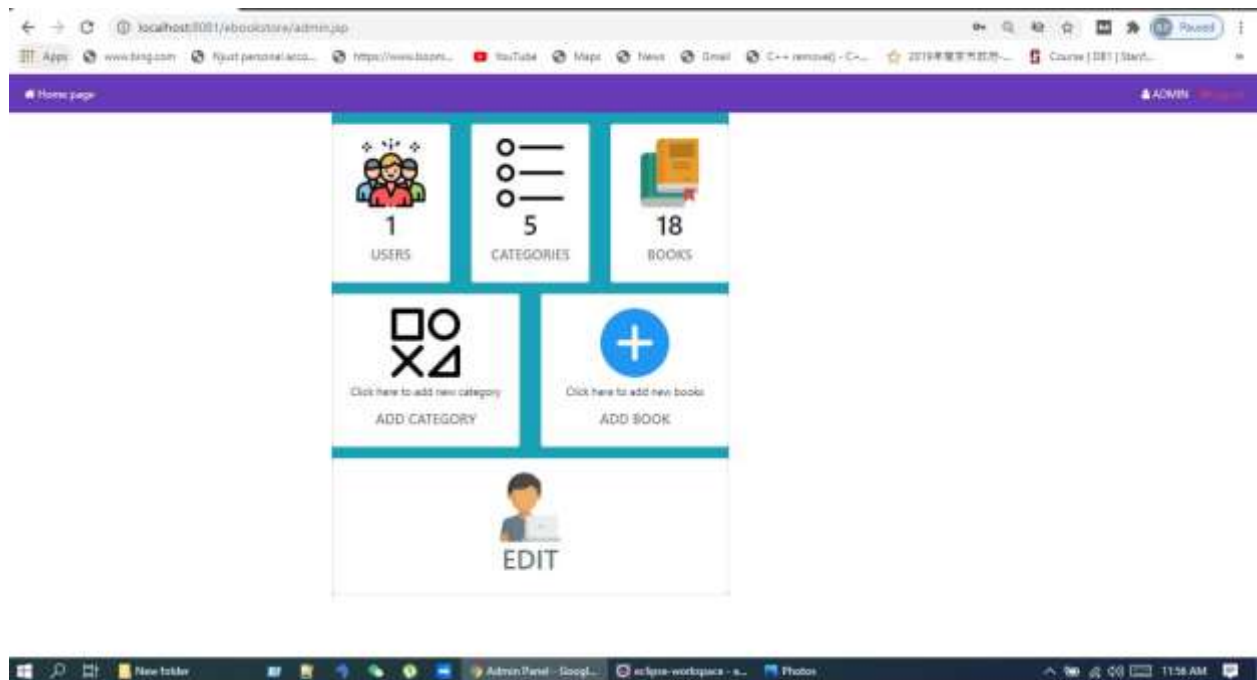
#### 3.3.4 Bengali



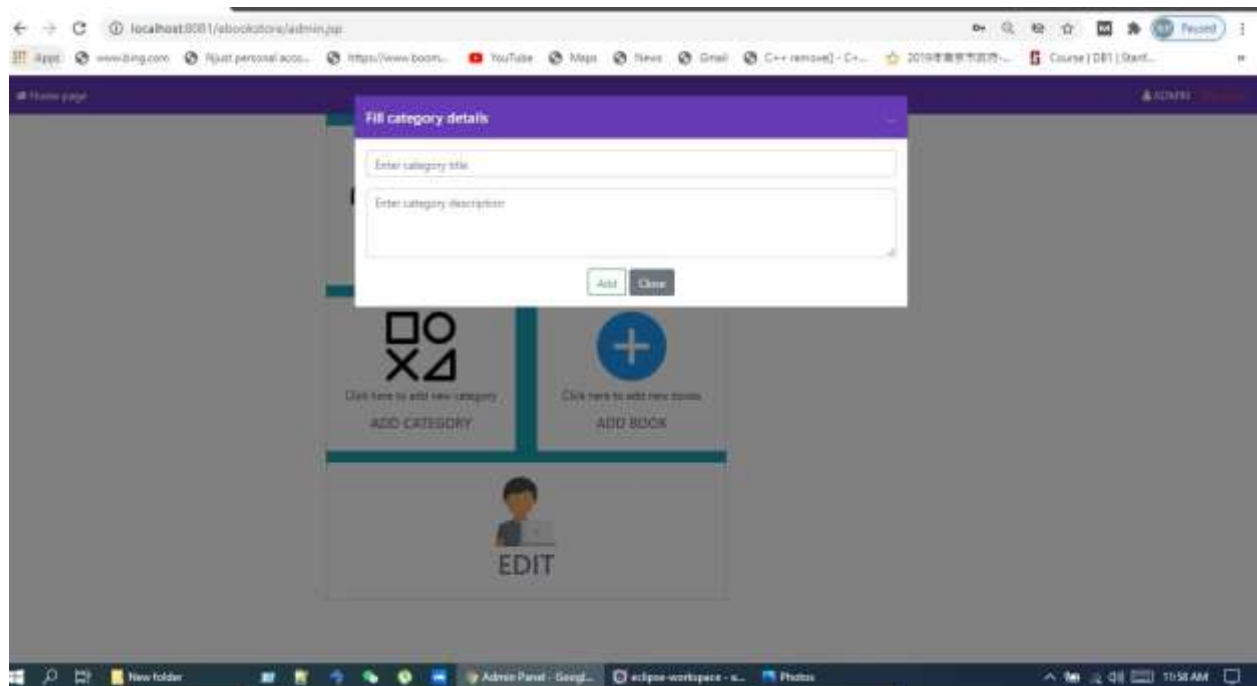
### 3.4 Book Details



### 3.5 Admin page

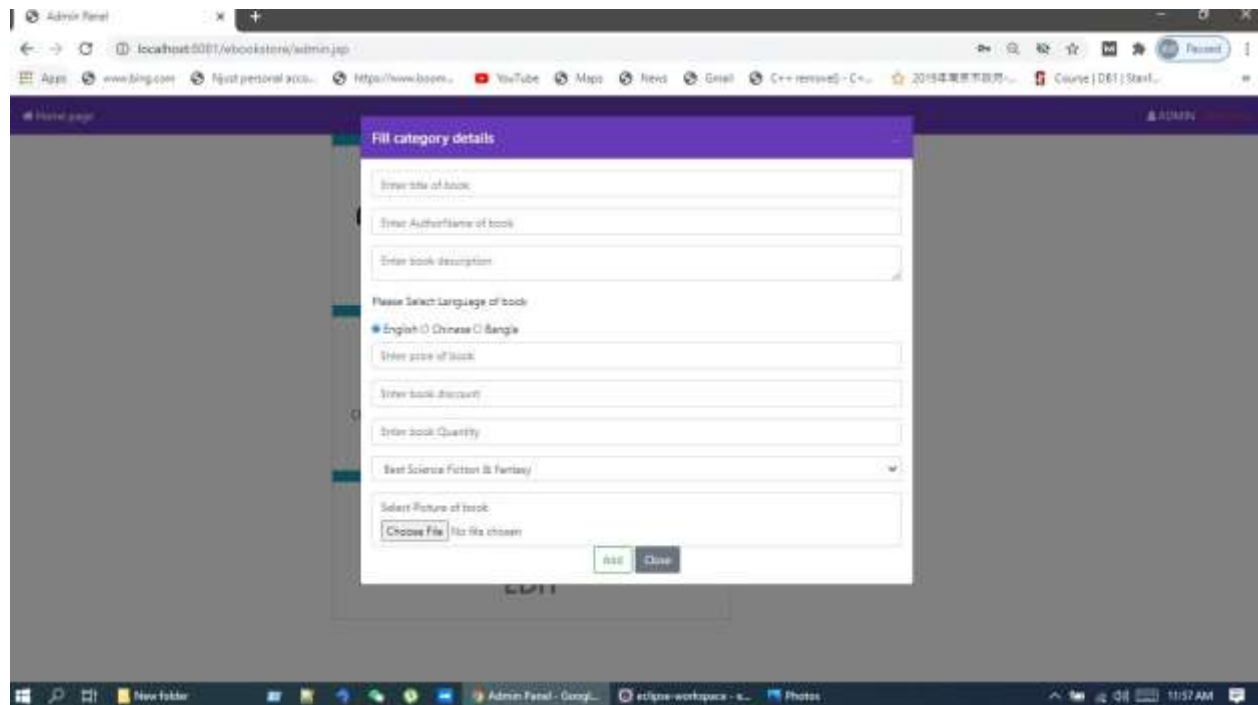


### 3.5.1 Add Category

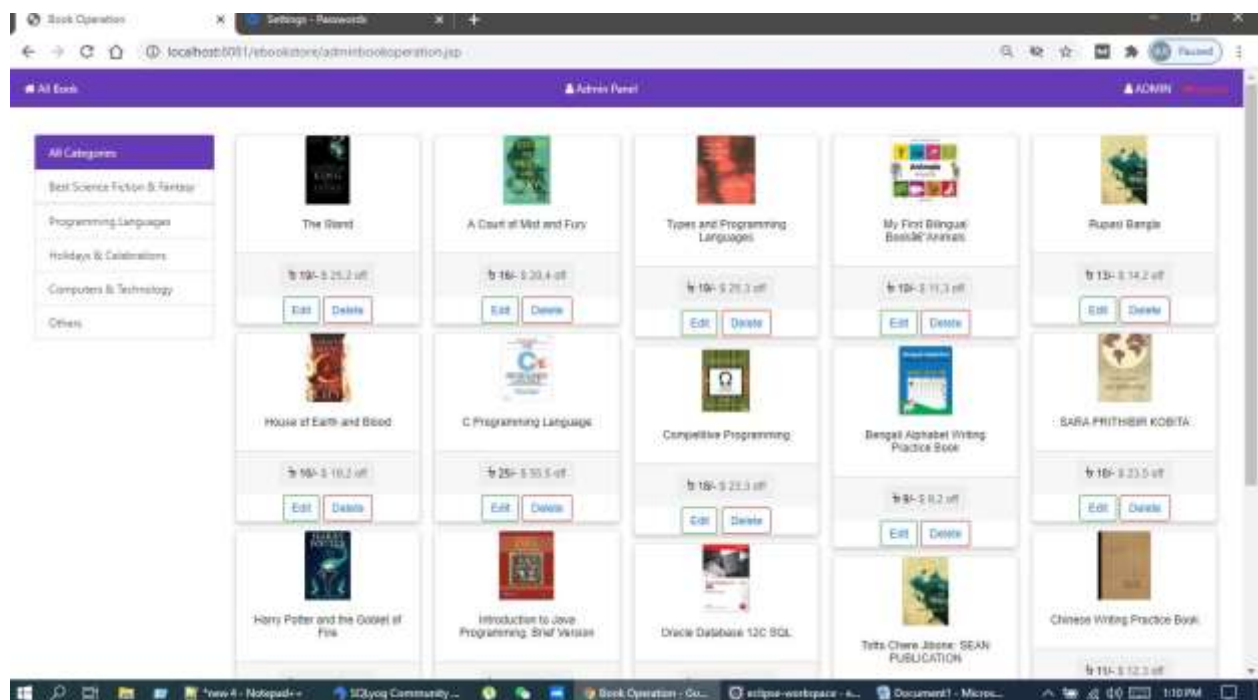


### 3.5.2 Add Book



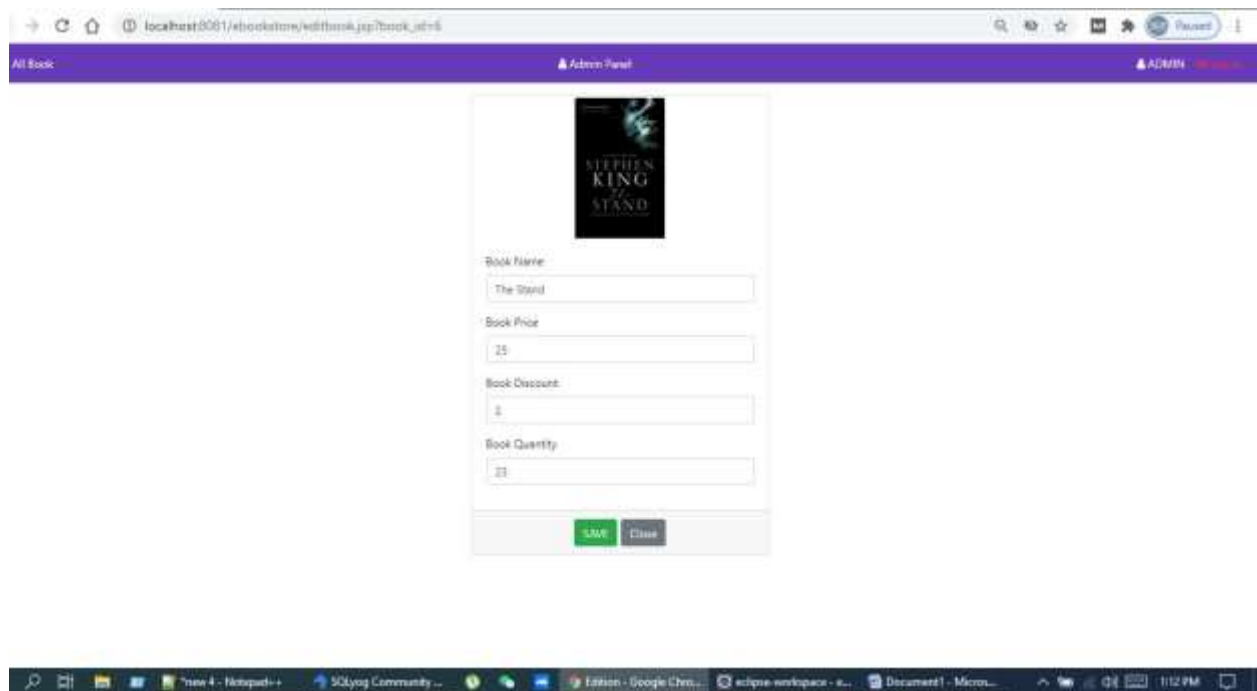


### 3.5.3 Book operation

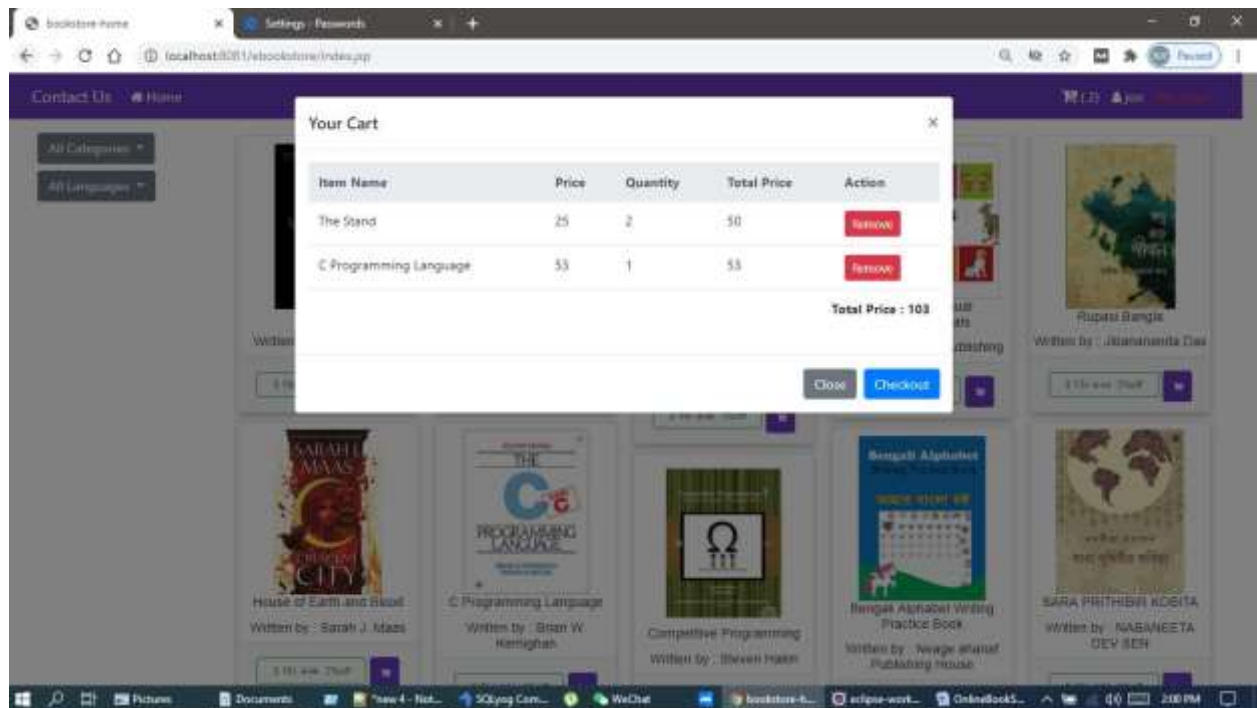


### 3.5.4 Edit Book Details

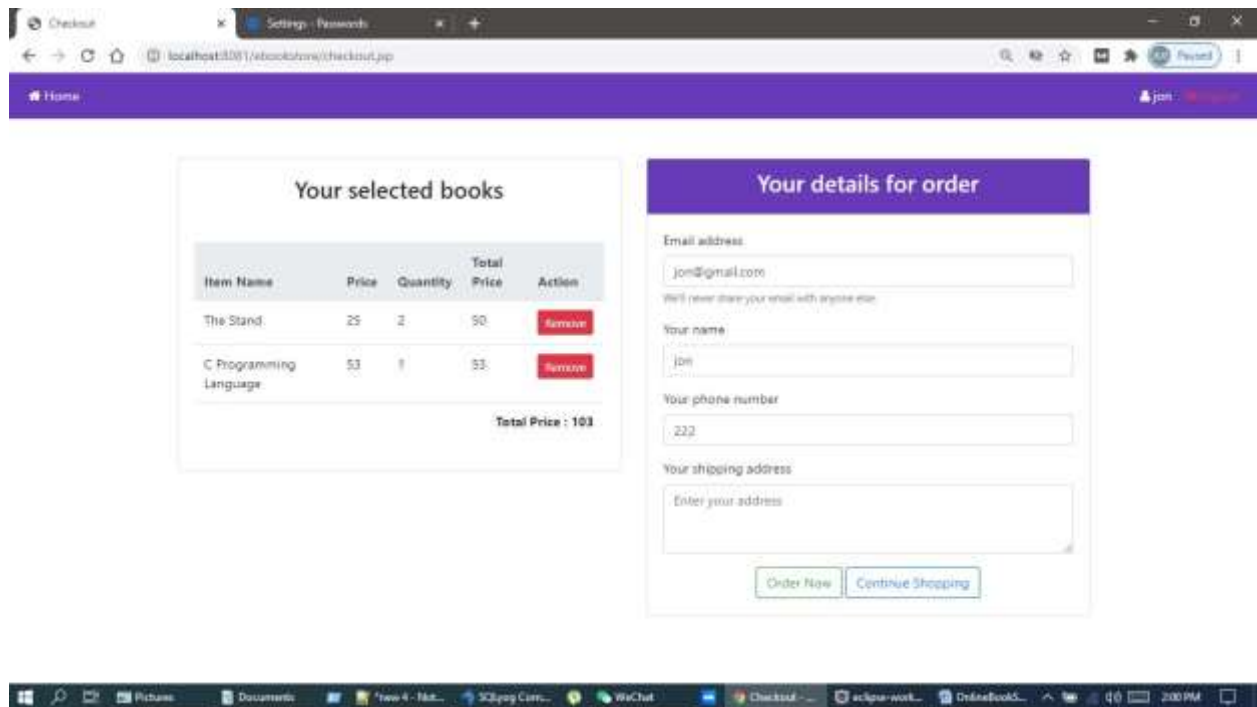




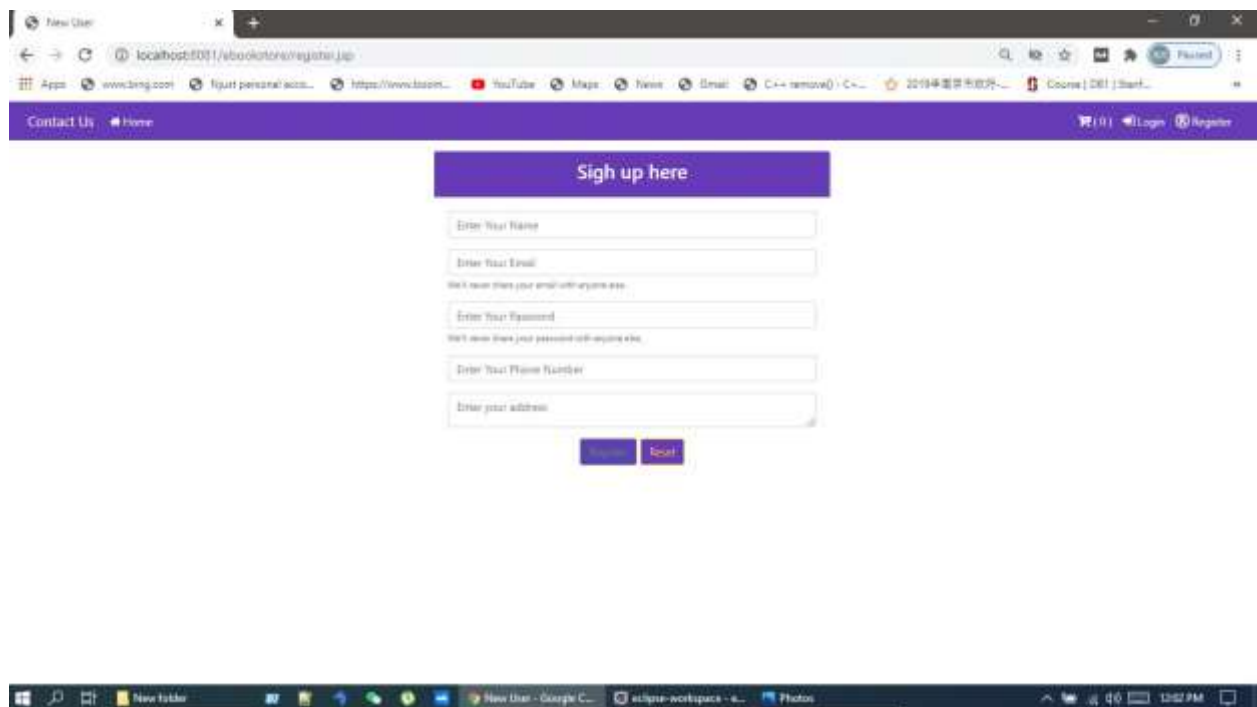
### 3.5.5 Card



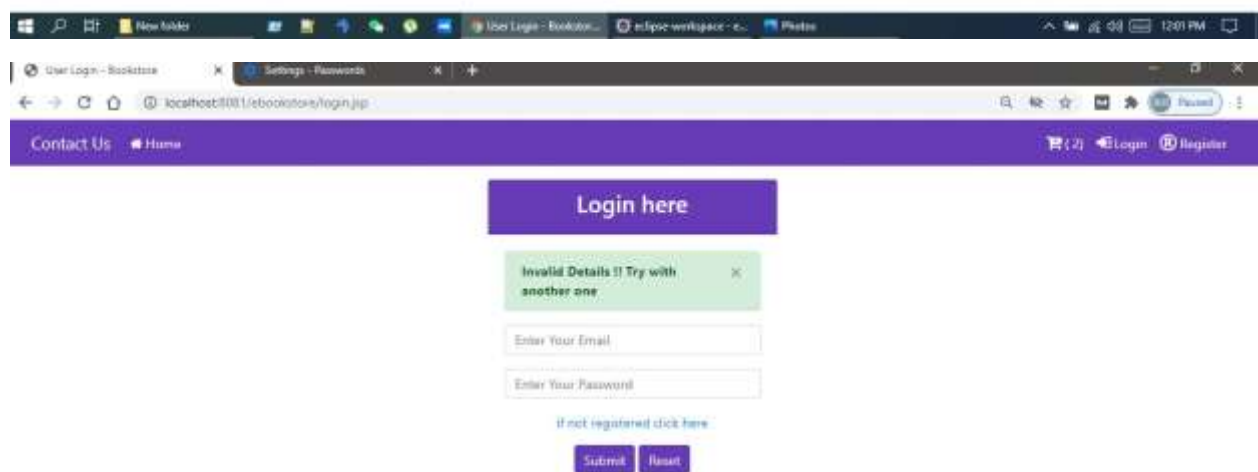
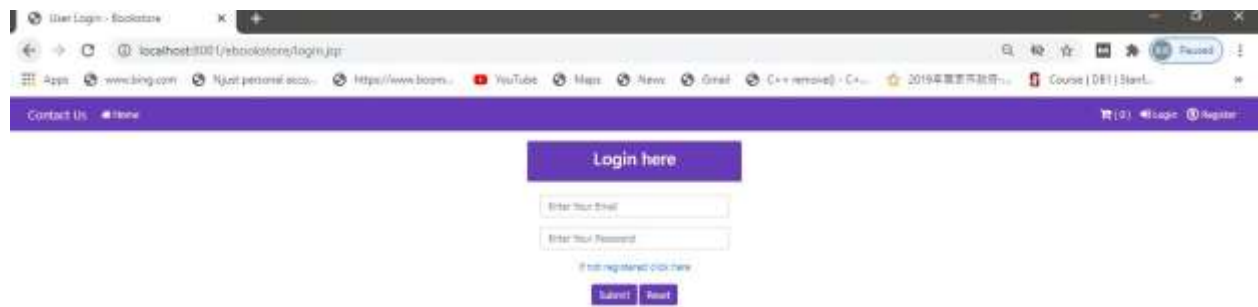
### 3.5.6 Checkout Page



### 3.5.6 Register page



### 3.5.7 Login Page



## Conclusion

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can filter out a book by its category or its language, later can add to the shopping cart.