

A PROJECT ON “Online Book Store”

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INTRODUCTION

The main objective of the project is to create an online book store that allows users to purchase a book based on title, author and subject. The selected books are displayed in a tabular format and the user can order their books online through credit card payment. The Administrator will have additional functionalities when compared to the common user.

Online Book store is an online web application where the customer can purchase books online, through a web browser. The web application will provide the basic functionalities to the users /customers can select a book; later can purchase using credit card transaction. Along with this the user can also be able to take the book for rent and returns the book for a certain time limit.

The users can login using his account details or new customers can set up an account very quickly. The books are divided into many categories based on subject like Fiction, horror, travel etc.

The Administrator is responsible and authorized to fill up the data into the database as well as Update the data accordingly. The data filled by person during registration will be entered into database by the utility provided.

The Admin has the functionalities to sign up and login which allows him to insert ,modify and delete the books.

PURPOSE

To shop while being in the comfort of your own home, without having to step out of the door.

SCOPE

The Online Book Store is an easy to maintain, ready to run, scalable, affordable and reliable cost saving tool from Software Associates suited for small, medium, and large shopping complex and shopping malls.

PRODUCT MODULES

- **Admin**
- **User**
- **Payment**

1.Admin Functionalities

- **Register/Sign up**
- **Login**
- **Inserting book.**
- **Modify the Price and no of copies of the book.**
- **Deleting the book.**

2.User Functionalities

- **Register/Sign up**
- **Login**
- **Buy the books**
- **Rent the book for a fixed time**
- **Add the required books to the cart**
- **Can able to remove the books from the cart.**

3.Payment

- Online Payment

REQUIRED DATABASE

ADMIN TABLE:

```
create table admin_bt(admin_id varchar2(5) constraint  
admin_id_bt_pk primary key, password varchar2(15) constraint  
adpass_bt_nn not null,ad_firstname varchar2(20) not null, ad_lastname  
varchar2(20) not null,ad_email varchar2(25) constraint  
ad_email_adminbt_uk unique not null,ad_phonenumber number(15)  
not null);
```

```
QL> desc admin_bt;  
Name                               Null?    Type  
-----  
ADMIN_ID                           NOT NULL VARCHAR2(5)  
PASSWORD                           NOT NULL VARCHAR2(15)  
AD_FIRSTNAME                       NOT NULL VARCHAR2(20)  
AD_LASTNAME                        NOT NULL VARCHAR2(20)  
AD_EMAIL                           NOT NULL VARCHAR2(25)  
AD_PHONENUMBER                     NOT NULL NUMBER(15)  
QL>
```

USER TABLE:

```
create table user_bt (first_name varchar2(25) not null,last_name  
varchar2(25) not null,email_id varchar2(25) constraint  
email_id_userbt_uk unique not null,phone number(15) not null,gender  
varchar2(10) not null,DOB varchar2(10) not null,user_name
```

varchar2(25) constraint user_name_userbt_pk primary key,password
varchar2(25) not null);

```
SQL> desc user_bt;
```

Name	Null?	Type
FIRST_NAME	NOT NULL	VARCHAR2(25)
LAST_NAME	NOT NULL	VARCHAR2(25)
EMAIL_ID	NOT NULL	VARCHAR2(25)
PHONE	NOT NULL	NUMBER(15)
GENDER	NOT NULL	VARCHAR2(10)
DOB	NOT NULL	VARCHAR2(10)
USER_NAME	NOT NULL	VARCHAR2(25)
PASSWORD	NOT NULL	VARCHAR2(25)

BOOK TABLE:

create table book_bt(book_id number(5) constraint book_id_bt_pk
Primary Key,book_name varchar2(25) not null,price
number(20),pub_date date not null,author varchar2(25) not
null,language varchar2(25) not null,category varchar2(25) not
null,no_of_copies number(5),action varchar2(4));

```
SQL> desc book_bt;
```

Name	Null?	Type
BOOK_ID	NOT NULL	NUMBER(5)
BOOK_NAME	NOT NULL	VARCHAR2(25)
PRICE		NUMBER(20)
PUB_DATE	NOT NULL	VARCHAR2(10)
AUTHOR	NOT NULL	VARCHAR2(25)
LANGUAGE	NOT NULL	VARCHAR2(25)
CATEGORY	NOT NULL	VARCHAR2(25)
NO_OF_COPIES		NUMBER(5)
ACTION	NOT NULL	VARCHAR2(4)

PAYMENT TABLE:

```
create table payment_bt(customer_id number(5) constraint  
customer_id_bt_pk primary key,pin_number number(4) not null,  
card_no number(16) constraint card_no_bt_uk unique not null,balance  
number(10) not null);
```

```
SQL> desc payment_bt;
```

Name	Null?	Type
CUSTOMER_ID	NOT NULL	NUMBER(10)
PIN_NUMBER	NOT NULL	NUMBER(4)
CARD_NO	NOT NULL	VARCHAR2(16)
BALANCE	NOT NULL	NUMBER(10)

INSERT VALUES INTO PAYMENT_BT

```
insert into payment_bt values(100,1111,'1111222233334444',5000);  
insert into payment_bt values(101,2222,'1234567812345678',6000);  
insert into payment_bt values(102,3333,'1234567887654321',10000);  
insert into payment_bt values(103,4444,'1122334455667788',8000);  
insert into payment_bt values(104,5555,'8877665544332211',7000);
```

```
SQL> select * from payment_bt;
```

CUSTOMER_ID	PIN_NUMBER	CARD_NO	BALANCE
100	1111	1111222233334444	3980
101	2222	1234567812345678	6000
102	3333	1234567887654321	10000
103	4444	1122334455667788	8000
104	5555	8877665544332211	7000

CART TABLE:

```
create table cart_bt(
    constraint book_id_bt_fk foreign key(book_id)
    references book_bt(book_id), user_name varchar2(25) not null, book_id
    number(5) not null, constraint username_cart_fk foreign
    key(user_name) references user_bt(user_name), book_name
    varchar2(25) not null, price number(20) not null, quantity number(3)
    not null);
```

```
SQL> desc cart_bt;
```

Name	Null?	Type
USER_NAME	NOT NULL	VARCHAR2(25)
BOOK_ID	NOT NULL	NUMBER(5)
BOOK_NAME	NOT NULL	VARCHAR2(25)
PRICE	NOT NULL	NUMBER(20)
QUANTITY	NOT NULL	NUMBER(3)

RENT TABLE:

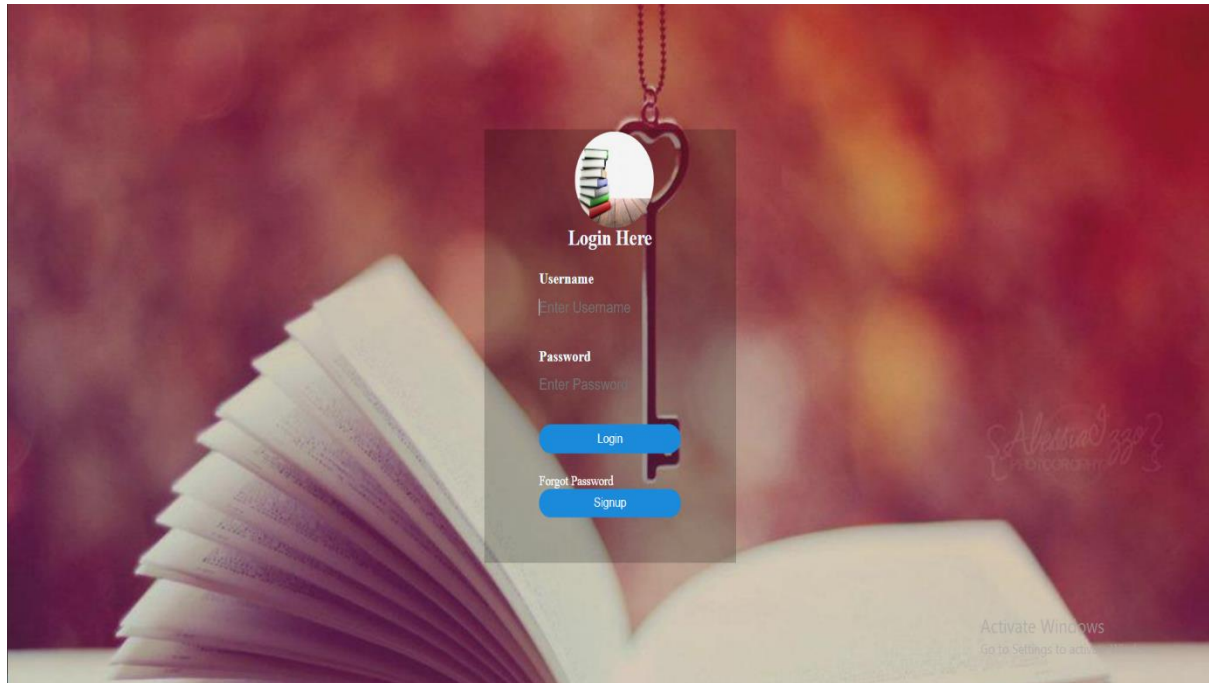
```
create table rent_bt(
    user_name varchar2(25) not null, constraint
    username_rent_fk foreign key(user_name) references
    user_bt(user_name), book_id number(5) not null, constraint
    book_id_rent_bt_fk foreign key(book_id) references
    book_bt(book_id), book_name varchar2(25) not null, rent_date
    varchar2(10) not null, return_date varchar2(10) not null);
```

```
SQL> desc rent_bt;
```

Name	Null?	Type
USER_NAME	NOT NULL	VARCHAR2(25)
BOOK_ID	NOT NULL	NUMBER(5)
BOOK_NAME	NOT NULL	VARCHAR2(25)
RENT_DATE	NOT NULL	VARCHAR2(10)
RETURN_DATE	NOT NULL	VARCHAR2(10)

USER INTERFACE PAGES

1. User Login Page

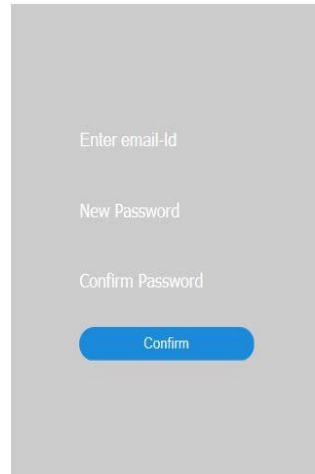


2. User Sign Up

Create New Account

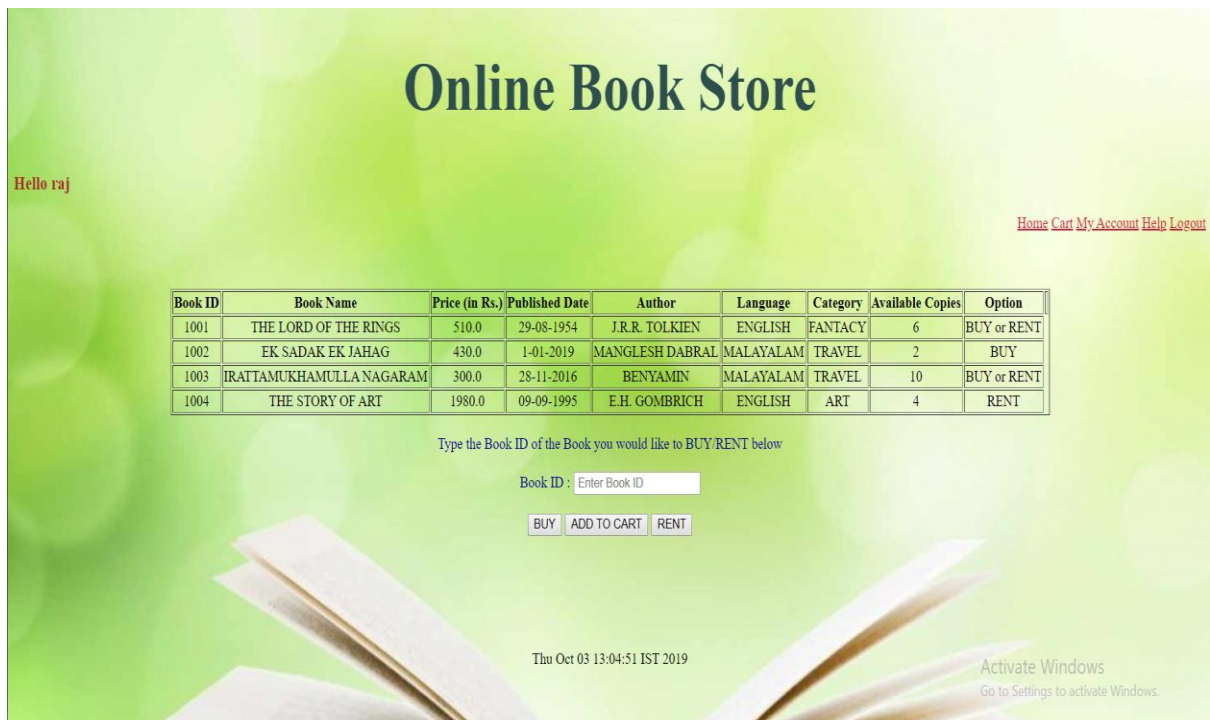
First Name :	<input type="text"/>
Last Name :	<input type="text"/>
Email ID :	<input type="text"/>
Phone Number:	<input type="text"/>
Gender:	<input type="text" value="Male"/> ▼
Phone Number:	<input type="text"/>
Date Of Birth:	<input type="text" value="2018-07-22"/>
user name	<input type="text"/>
password	<input type="password"/>
<input type="button" value="Register"/>	

3.Forget Password page



A gray rectangular form with a light gray border. It contains three text input fields with placeholder text: "Enter email-Id", "New Password", and "Confirm Password". Below the fields is a blue button with the text "Confirm".

4.Home page



The home page of an online book store. It features a green background with a blurred image of an open book at the bottom. The title "Online Book Store" is centered at the top in a large, dark green font. Below the title, on the left, is a greeting "Hello raj" in red. On the right, there are links for "Home", "Cart", "My Account", "Help", and "Logout" in red. In the center, there is a table with 9 columns: Book ID, Book Name, Price (in Rs.), Published Date, Author, Language, Category, Available Copies, and Option. Below the table, there is a prompt to enter a book ID and buttons for "BUY", "ADD TO CART", and "RENT". At the bottom, there is a timestamp "Thu Oct 03 13:04:51 IST 2019" and a Windows activation notice.

Online Book Store

Hello raj

[Home](#) [Cart](#) [My Account](#) [Help](#) [Logout](#)

Book ID	Book Name	Price (in Rs.)	Published Date	Author	Language	Category	Available Copies	Option
1001	THE LORD OF THE RINGS	510.0	29-08-1954	J.R.R. TOLKIEN	ENGLISH	FANTASY	6	BUY or RENT
1002	EK SADAK EK JAHAG	430.0	1-01-2019	MANGLESH DABRAL	MALAYALAM	TRAVEL	2	BUY
1003	IRATTAMUKHAMULLA NAGARAM	300.0	28-11-2016	BENYAMIN	MALAYALAM	TRAVEL	10	BUY or RENT
1004	THE STORY OF ART	1980.0	09-09-1995	E.H. GOMBRICH	ENGLISH	ART	4	RENT

Type the Book ID of the Book you would like to BUY/RENT below

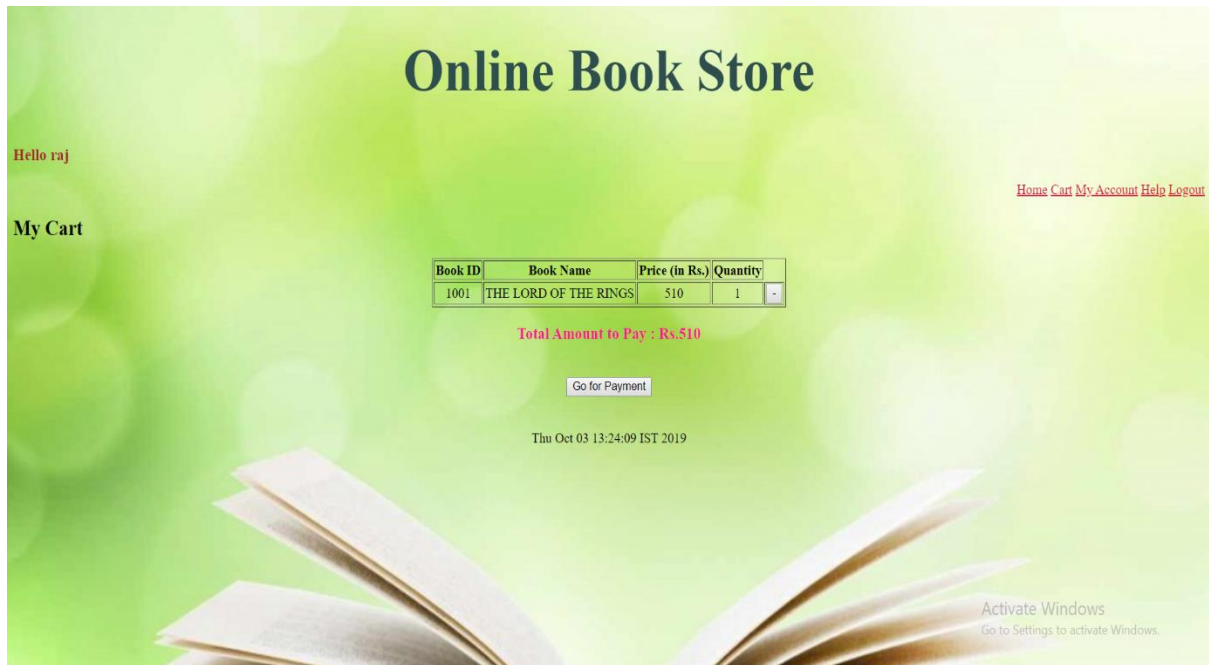
Book ID :

[BUY](#) [ADD TO CART](#) [RENT](#)

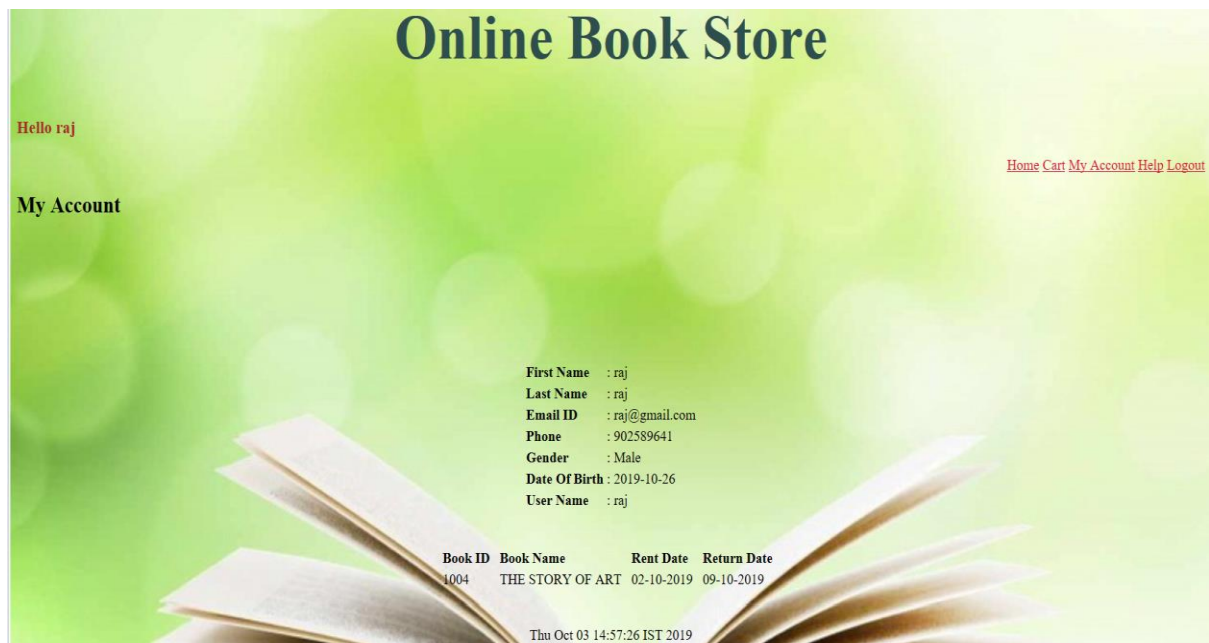
Thu Oct 03 13:04:51 IST 2019

Activate Windows
Go to Settings to activate Windows.

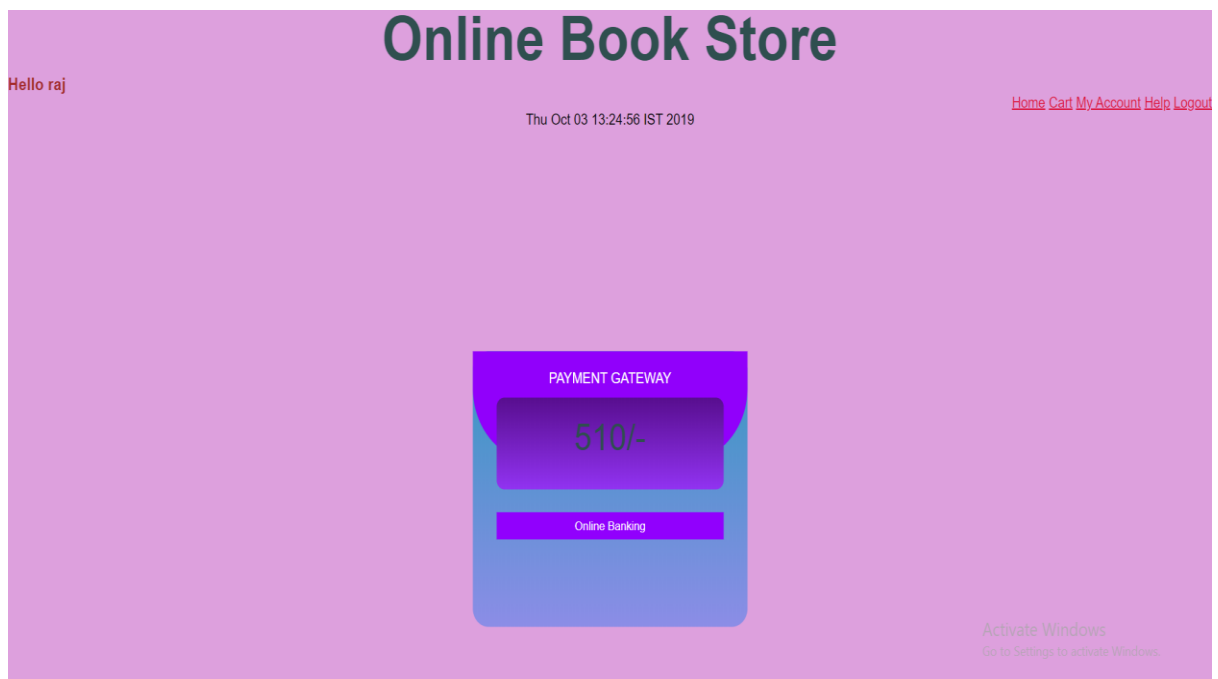
5.Cart page



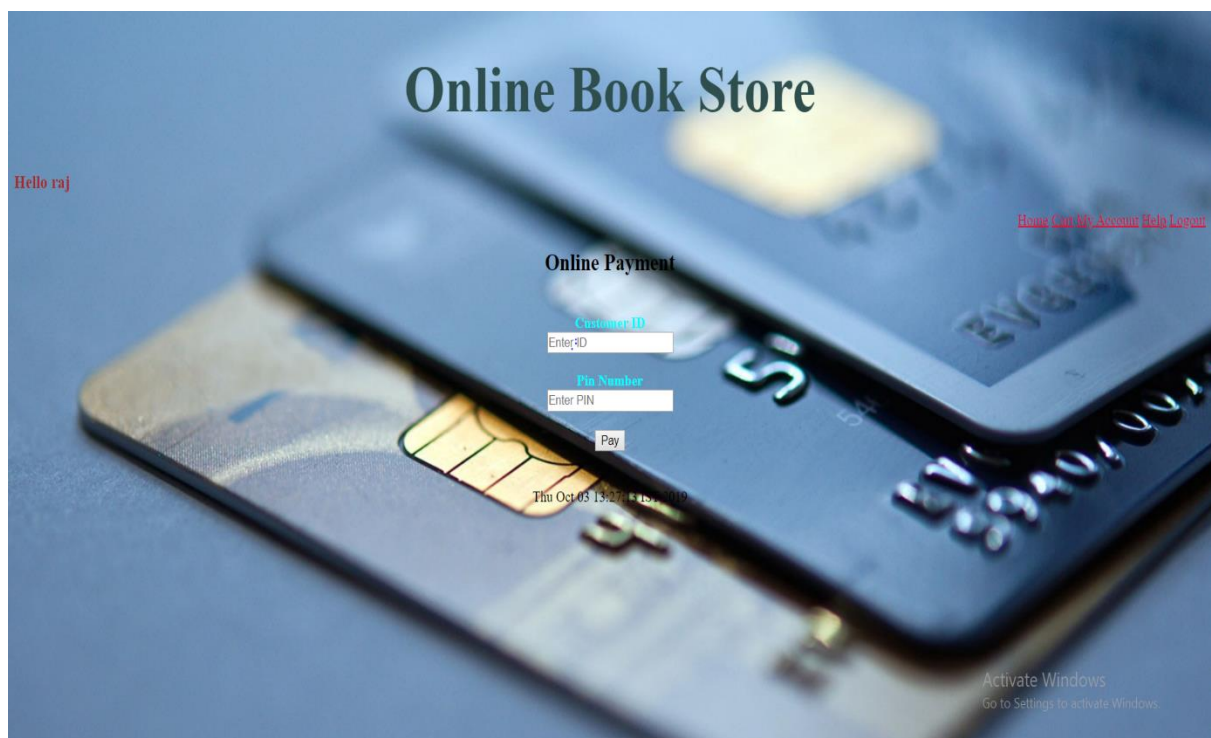
6.My Account



7.Payment page



8.Online Payment



9.Payment successful

Online Book Store

Hello raj

[Home](#) [Cart](#) [My Account](#) [Help](#) [Logout](#)

Payment Successfull

Book ID	Book Name	Price (in Rs.)	Published Date	Author	Language	Category	Available Copies	Option
1001	THE LORD OF THE RINGS	510.0	29-08-1954	J.R.R. TOLKIEN	ENGLISH	FANTASY	6	BUY or RENT
1002	EK SADAK EK JAHAG	430.0	1-01-2019	MANGLESH DABRAL	MALAYALAM	TRAVEL	2	BUY
1003	IRATTAMUKHAMULLA NAGARAM	300.0	28-11-2016	BENYAMIN	MALAYALAM	TRAVEL	10	BUY or RENT
1004	THE STORY OF ART	1980.0	09-09-1995	E.H. GOMBRICH	ENGLISH	ART	4	RENT

Type the Book ID of the Book you would like to BUY/RENT below

Book ID :

Thu Oct 03 13:28:25 IST 2019

Activate Windows
Go to Settings to activate Windows.


10.Admin Login

Admin Login

AdminId
Enter AdminId

password
Enter Password

11.Admin Sign Up



Admin Sign Up

Admin Id :

Password :

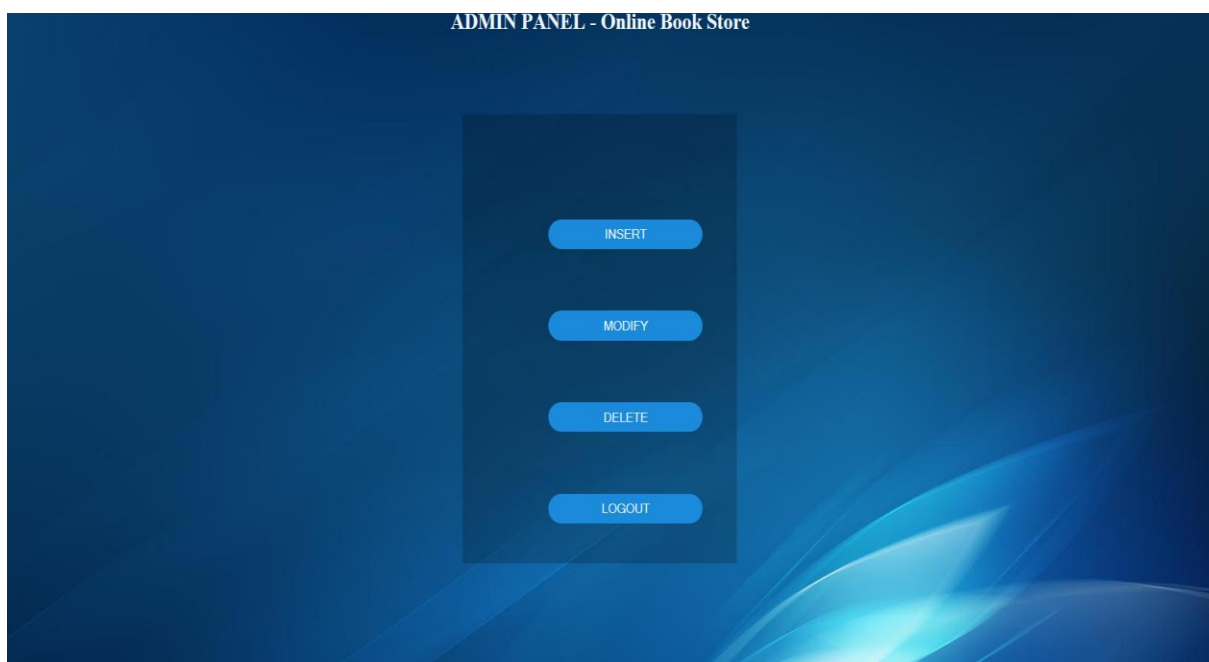
First Name :

Last Name :

Email ID :

Phone Number:

12.Admin Properties and Admin Logout



13.Admin Insert



Insert Book

Book Id[Number]

Number

Name of the Book

Book Name

Price(Rs)

eg:100

Publishing Date[dd-mm-yyyy]

dd-mm-yyyy

Author

Name

Language[eg:English]

eg:English

Category[eg:Comic]

eg:Comic

No of Copies

Number

Option[eg:Buy]

eg:Buy

SUBMIT



14.Admin Modify



Modify Price

Book Id

SUBMIT



15.Price Modifying page



Modify Price

Book Id

111

SUBMIT

Book ID

111

Book Name

book1

Price

100

Publishing Date

2-2-1997

Author

Ashik

Language

english

Category

comic

No Of Copies

4

New Price

300

UPDATE

CANCEL

16.Admin Delete




Delete the Book

Book Id

SUBMIT



17. Price Deleting page




Delete the Book

Book Id

Book ID	111
Book Name	book1
Price	100
Publishing Date	2-2-1997
Author	Ashik
Language	english
Category	comic
No Of Copies	4


18. Pop up arises for blank columns



Modify Price

Book Id

Message from webpage

 Book Id cannot be blank

THANK YOU