



ULAB

UNIVERSITY OF LIBERAL ARTS
BANGLADESH

Online Book Selling Web Application

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A report submitted
in partial fulfilment of the requirements
for the degree of
Bachelor of Science in Computer Science and Engineering

UNIVERSITY OF LIBERAL ARTS BANGLADESH

Dhaka, Bangladesh

DECLARATION

I declare that this report title “Online Book selling Web Application” is the result of my own research as cited in the references. The report has not been acknowledged for any degree and isn’t simultaneously submitted in candidature of some other degree.

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CERTIFICATE OF APPROVAL

The project title “Online Book Selling Web Application” is submitted to the Department of Computer Science and Engineering at University of Liberal Arts Bangladesh in fraction satisfaction of the necessities for the level of Bachelor of Science

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Introduction

1.1 Introduction:

My project title is “Online Book Selling Web Application” here user can search and purchase a book. Base on book_title, author and subject user can search a boke. For the purchasing user have add the book to the cart and later they have to fill-up their checkout form with their shipping address. They can payment with bkaash or cash on delivery.

User can also add book .For adding book user have to sign in first. Beside uploading book user can update and delete book.

1.2 Motivation:

To make this project the motivation is:

- I. To make a website that user can easily use .
- II. To gain more knowledge in PHP, Laravel, Bootstrap, CSS.
- III. Before participating in regular work I want to acquire great involvement with PHP.
- IV. To acquire skill in database connection.

1.3 Objectives:

The main object of the project is to create an online book shop for book selling and adding new book. Mainly my project is online book selling web application so here a user can purchase book online. It help the user by saving their valuable time. A user sitting their home he can start business by adding book. User can add book for free.

1.4 Expected Outcome

My expectation is that I build an online book selling platform where the user can sell and purchase book online.

1.5 Project Management and Finance

Project management is the user of specification knowledge , skills, tools and techniques to deliver something of value to people.



Fig. 1: Project Management

Timing: To build my online book selling web application I set my time three month I separated time with work.

	July	August	September
Project Planning			
Analysis			
Front-end design			
Back-end development			
Testing			
Implement			

2: Background

There are many web-base book shop like rokomari, boighor,boibazare etc. But in this web application user can't add book. So I decided that make a book selling web application where user can add and purchase book

This project has some functionalities:

1)Home page

When a user enter my web site this page with book

2)Search button

Here is a search button and user can search book which book they need.

3)Book Description

Before the purchasing book user can known about the book from book description

5) Shopping Cart

For purchasing user have to add the book to cart. User can also edit and delete cart

6) Sign Up

User can register with their personal information.

7) Sign In

User can sign in with their register account.

8)Add new Book

User can add new book for selling. After successfully sing in they can upload their book.use can update and delete their book.

2.1 Preliminaries/Terminologies

Methodology: Online Book Selling Web Application that is the project i want to build whrer user can search and purchase a book online. For building this application Html, CSS, Bootstrap use fornt-end design and Mysql, Php,Laravel use for back-end development.

2.2 Related Works

There are many book store web application available. These are Rokomari, Boibazar, Boighor etc.

2.3 Comparative Analysis

My Online Bookselling Application little bit similar to Rokomari application. But I add new thing that user can add, delete and update book. For add new book user have to sing in with his account and then he can add new book.

2.4 Scope of the Problem

As I build this project with laravel. I face problem laravel installation.

2.5 Challenges

To learning laravel is a challenge for me. I also database connection

3.1 Business Process Modeling

My project is online book selling application .Here is a business model for my project. User can payment online using bkaash. User can also payment later after getting the book. When customer confirm order system send confirm mail.

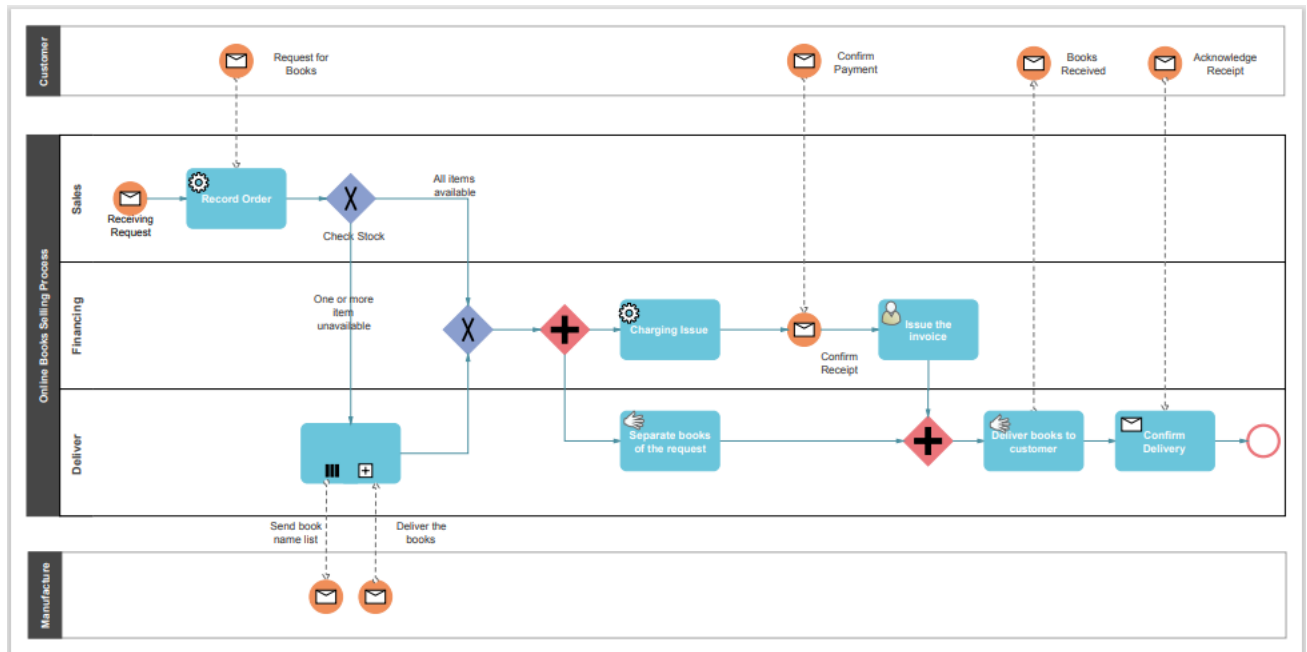


Fig. 2:Business Model

3.2 Requirement collection and Analysis

Functional Requirement:

1. Sign in
2. Sing up
3. Cart
4. Add to cart
5. Delete cart
6. Go to shipping
7. Place order
8. Add new book
9. Update book
10. Delete book

Nonfunctional requirement

1. Extensibility
2. Regulatory requirements
3. Performance requirements
4. Performance requirements
5. Reliability requirements
6. Security requirements

3.3 Use Case Modeling and Description

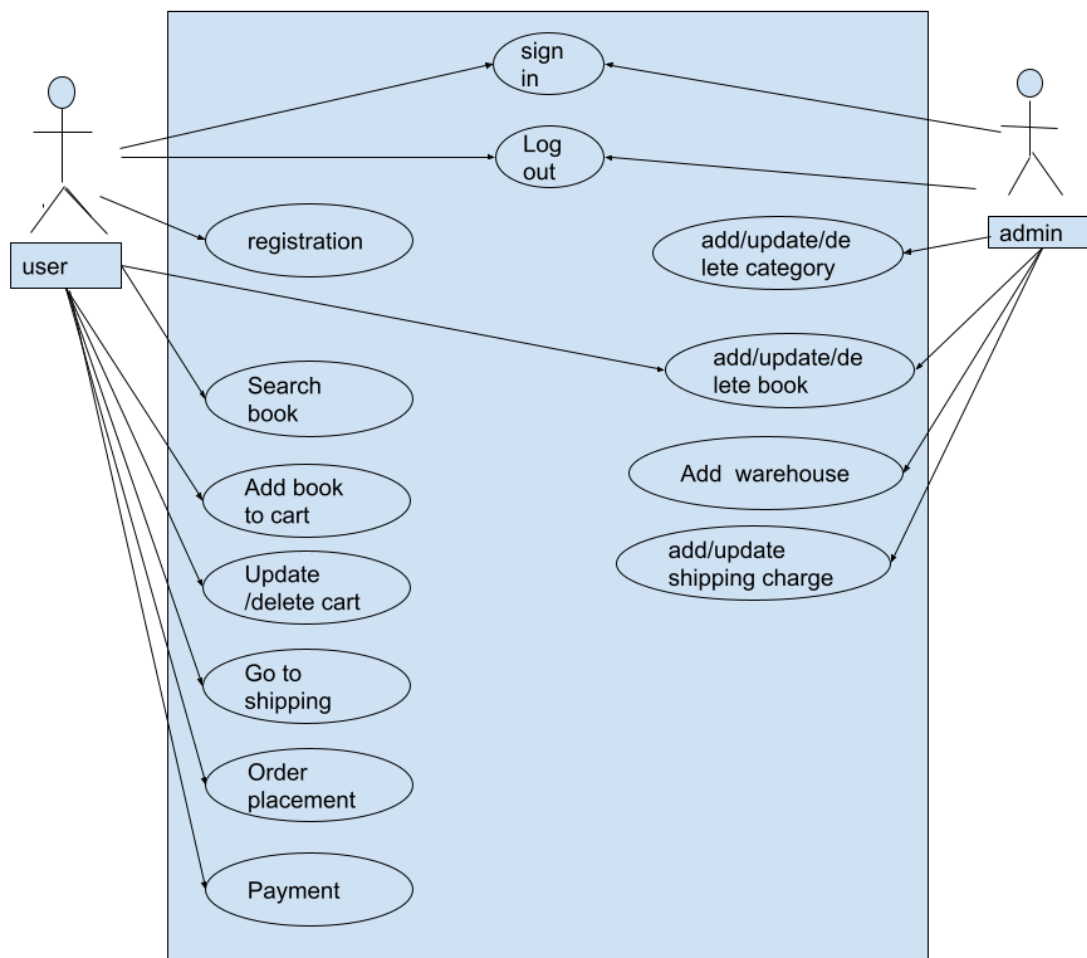


Fig. 3: Use Case Diagram

Use Case Description

1.Sign In

Before sign in user have to registration then user can sign in with his register account.

2.Registration

The user have to enter personal information in the registration form according to the required fields. the fields include with

- 1.Full name
- 2.Email address
- 3.Phone Number
- 4.Create password
- 5.Repeat password

3.search option

By using this functionality user can search the book that they want.

4. Add to the cart

For purchasing user have add the book in cart option

5.Delete cart

User can delete cart book.

6.Shipping page

For checkout user have to go shipping page. Here user have to fill up shipping address.

7.Place order

For confirm purchasing user have to place order then system will sent confirmation message.

8. Add Book

User can add new book and for add a book user have to fill up the following requirement .

- 1.Book title
2. Description
- 3.In stock
- 4.Price
- 5.Discounted Price

6.ISBN

7.Edition

8.No of pages

9.Country

10.Language

Output: After successfully add this book will show in home page

9. Update book

User can update the book.

10. Delete book

User can delete the book.

3.4 Logical Data Model

Logical data model for my online book selling application.

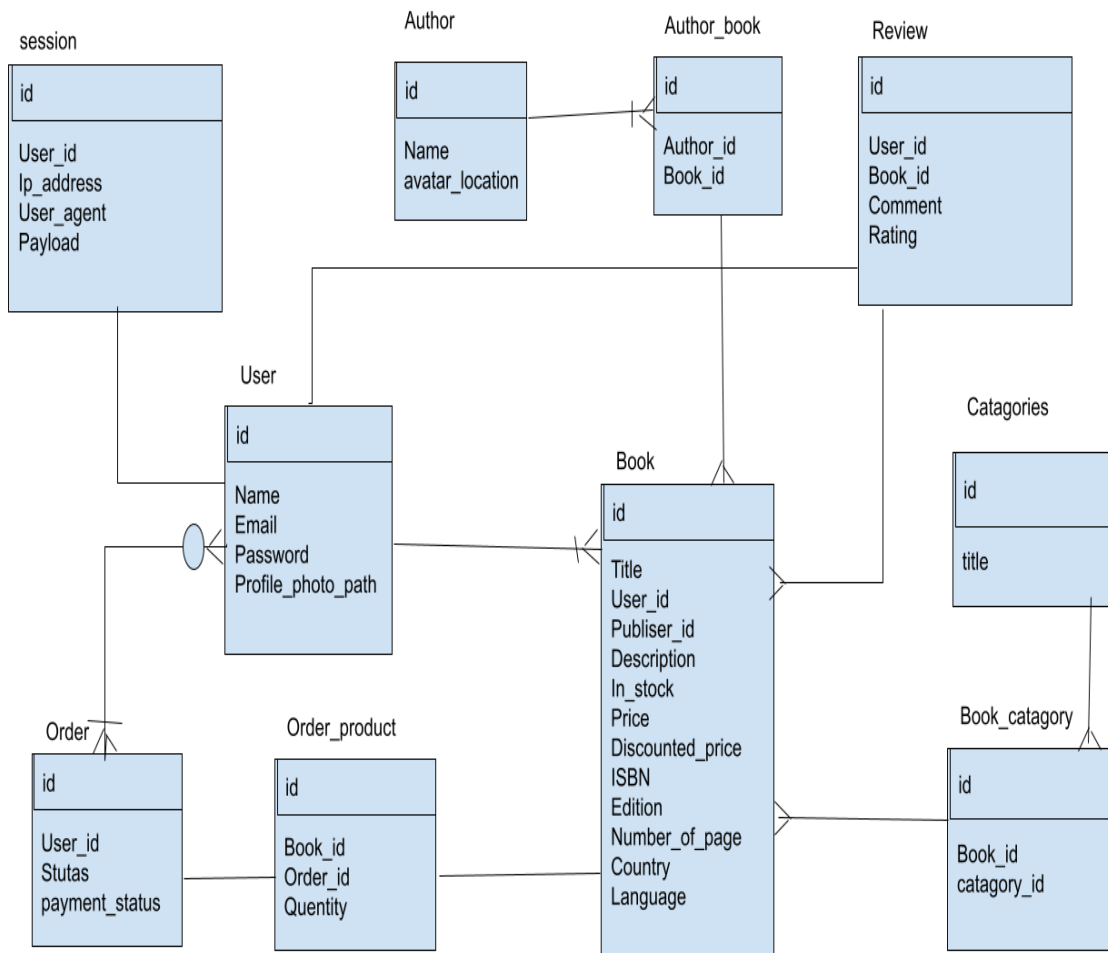


Fig. 4: Logical Data model

3.5 Design Requirement

I try to make my project user friendly as much as possible. User can easily access to my application. Design this application like that user can easily use. select book and purchase the book. The design requirement is given bellow:

1) Reduce user Effort

In my book selling application I try to make this application easier to the user as much as possible. User can easily use this application, search and purchase the book.

2) Responsiveness

Responsive is important for a web application. Mobile responsiveness is the first essential thing for a successful website. And I try to make a responsive web application.

3) Speed it up

Time is valuable that why I try to reduce loading time of my application. Too much loading is painful user getting be angry

4) Easily navigable

In my application user can easily navigate any page. I am sure user will not be tired to using my application. User can navigate any page with one click. It's a user friendly web application.

5) Choose a beautiful color

For application color is important. I use a unique color for my application. I set a unique color that's attracts the user.

6) Control the Space

I set a balance space. That's not too much information or too much free space.

7) Meaningful content

As a book selling application I make sure that user can happily browsing my application.

8) Comment

User can share their feeling after reading the book that user purchase from the website in the comment section.

Design Specification

4.1 Front-end Design

In my online book selling web application for designing front-end I use Bootstrap, CSS, HTML and JavaScript.

4.2 Back-end Design

For Back-end design I use Laravel, MySQL and PHP.

And I follow MVC architectural pattern

The benefits of using the MVC pattern are as follows:

- I. Providing alternate user interfaces for the same model, different views and controllers can be substituted.
- II. provides different views of the same model.
- III. User interface becomes easier to make when any changes affecting.

IV. It is easier to test the core of the application, as it is encapsulated by the model.

ER diagram:

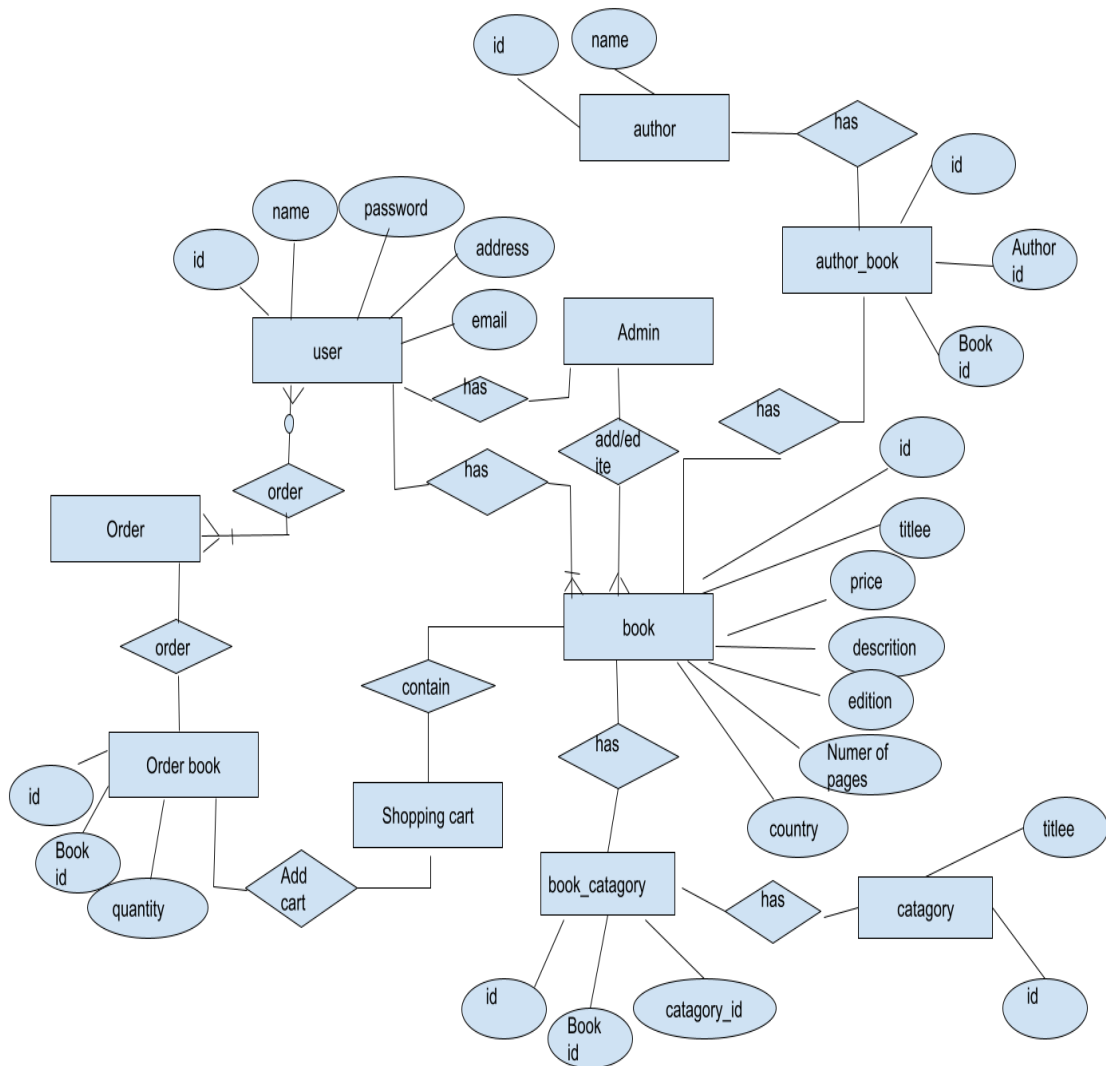


Fig. 4.1: ER diagram

4.3 Interaction Design and user Experience

1.Home page of my web application:

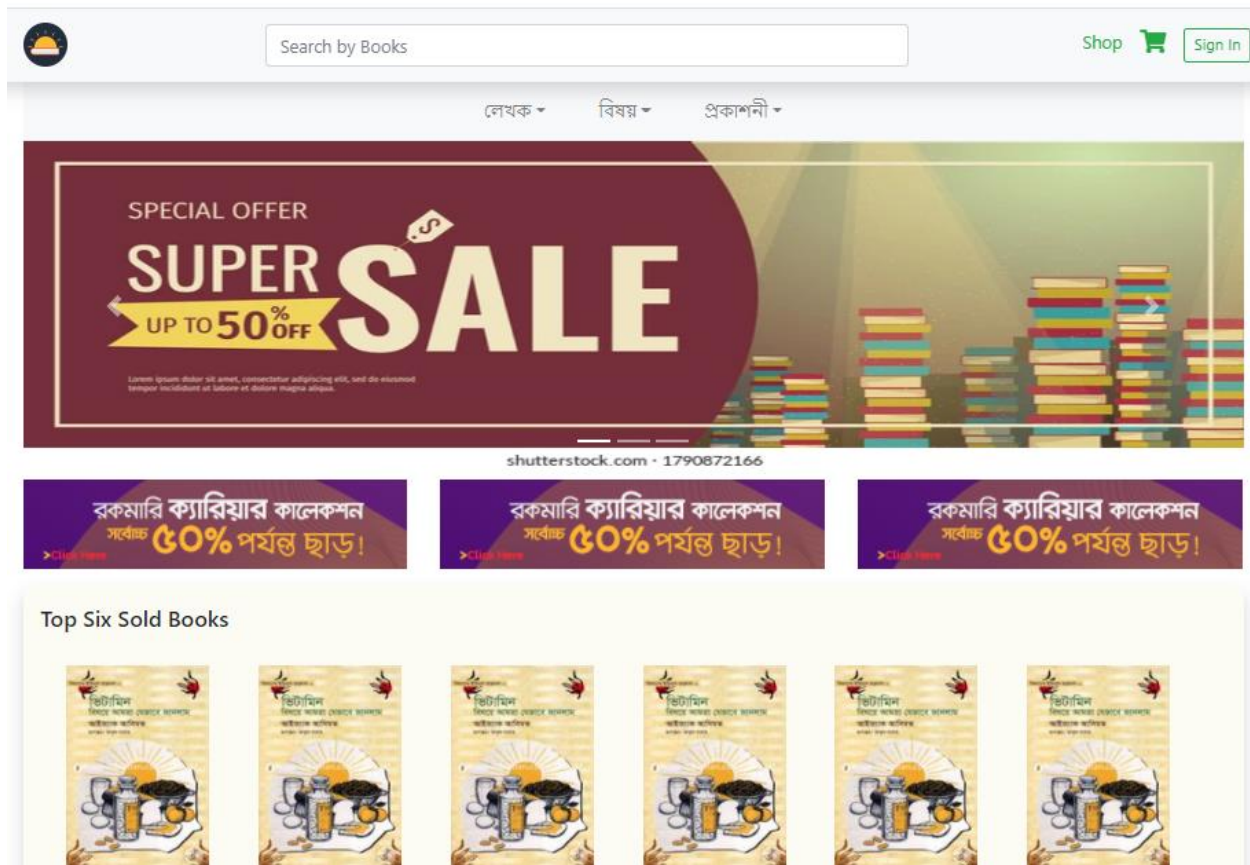


Fig. 5:Home page

2. Registration page



[Shop](#) 

[Sign In](#)



[Login](#)

[Sign Up](#)

Register fast with your facebook or google

 Facebook

 Google

OR

Register with your information

 Full name

 Email address

 Phone number

 Create password

 Repeat password

[create account](#)

Already have an account? [Login Now!](#)

 Help: 16297
24 Hours a Day, 7 Days a Week

 Pay cash on delivery
Pay cash at your doorstep

 Service
All over Bangladesh

 Help: 16297
24 Hours a Day, 7 Days a Week

FOOTER CONTENT

LINKS

LINKS

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Iste atque ea quis molestias. Fugiat pariatur maxime quis culpa corporis vitae repudiandae aliquam voluptatem veniam, est atque cumque eum delectus sint!

Link 1
Link 2
Link 3
Link 4

Link 1
Link 2
Link 3
Link 4

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Fig. 5.2: Registration Page

3. Sign In page

Search by Books

Shop [Sign In](#)

[Login](#) [Sign Up](#)

Login easily with your facebook or google account

[Facebook](#) [Google](#)

OR

Login with your email or phone number

☐ Remember Me [Forgot Password?](#)

[Sign In](#)

Don't have an account? [Sign Up Now!](#)

Help: 16297
24 Hours a Day, 7 Days a Week

Pay cash on delivery
Pay cash at your doorstep

Service
All over Bangladesh

Help: 16297
24 Hours a Day, 7 Days a Week

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	Link 2	Link 2
	Link 3	Link 3
	Link 4	Link 4

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Fig. 5.3: Sign In page

4. User Dashboard



Shop  1 test_user

≡ open

Book Lists

Add New Book

#	Title	Description	Price	Discounted Price
1	tomay pabo kobe	dramatic boook	250	230



order Lists

#	user_name	status	payment_status
1	test_user	Pending	Pending

 Help: 16297
24 Hours a Day, 7 Days a Week

 Pay cash on delivery
Pay cash at your doorstep

 Service
All over Bangladesh

 Help: 16297
24 Hours a Day, 7 Days a Week

FOOTER CONTENT

Links

Links

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Fig.5.4: User dashboard

5.Add new book

The screenshot displays a web application interface with a sidebar on the left and a main content area. The sidebar contains a search bar, a user profile, and two sections: 'Book Lists' and 'order Lists'. The 'Book Lists' section shows a table with columns '#', 'Title', 'Price', and 'Discounted Price'. The 'order Lists' section shows a table with columns '#', 'user_name', and 'Price'. The main content area is partially obscured by a modal form titled 'Add New Book Here'. This form contains several input fields for book details and two buttons at the bottom: 'Close' and 'Add'.

Add New Book Here

Book Title
Enter book title

Description
Enter book title

In Stock
Enter book title

Price
Enter book title

Discounted Price
Enter book title

ISBN
Enter book title

Edition
Enter book title

No. of Pages
Enter book title

Country
Enter book title

Language
Enter book title

Close Add

Fig. 5.5: Add new book page

6.Update book

The screenshot displays a web application interface. A modal window titled "View Book" is open, allowing for the update of a book's details. The background shows a sidebar with "Book Lists" and "order Lists", and a main content area with a table of books. The modal form contains the following fields:

Book Title	Description	In Stock	Price	Discounted Price	ISBN	Edition	No. of Pages	Country	Language
tomay pabo kobe	dramatic boook	3	250	230	1232bn	3rd	250	bangladesh	bangla

At the bottom of the modal, there are "Close" and "Update" buttons.

Fig. 5.6: Update book page

7.Book details



[Shop](#)  [Sign In](#)



Bangladesh History (হার্ডকভার)
by Masum Khan
Category: Upponnash
★★★★ 2 Ratings / 1 Review
TK. 100
TK. 85 You Save TK. 15 (40%)
👉 ৫-২৮ ফেব্রুয়ারি অর্ডার করলেই পাবেন নতুন-পুরাতন সকল বইয়ে ২৫% ছাড়!
👉 এছাড়া bKash পেমেন্টে ১০% ইনস্ট্যান্ট ক্যাশব্যাক এবং ৭০০+ টাকার অর্ডারে bKash পেমেন্ট করলেই নিশ্চিত 'ফ্রি শিপিং'!

[একটু পড়ে দেখুন](#) [Add to Cart](#)

[Add to Booklist](#) [Share this Book](#)

 Cash On Delivery

 7 Days Happy Return

 Delivery Charge Tk.50(Online Order)

 Purchase & Earn

Product Specification & Summary

[Home](#) [Profile](#) [Contact](#)

Nice Historical Book

 Help: 16297
24 Hours a Day, 7 Days a Week

 Pay cash on delivery
Pay cash at your doorstep

 Service
All over Bangladesh

 Help: 16297
24 Hours a Day, 7 Days a Week

FOOTER CONTENT

LINKS

LINKS
[Link 1](#)

Fig. 5.7: Book Details page

8.cart page when it is empty

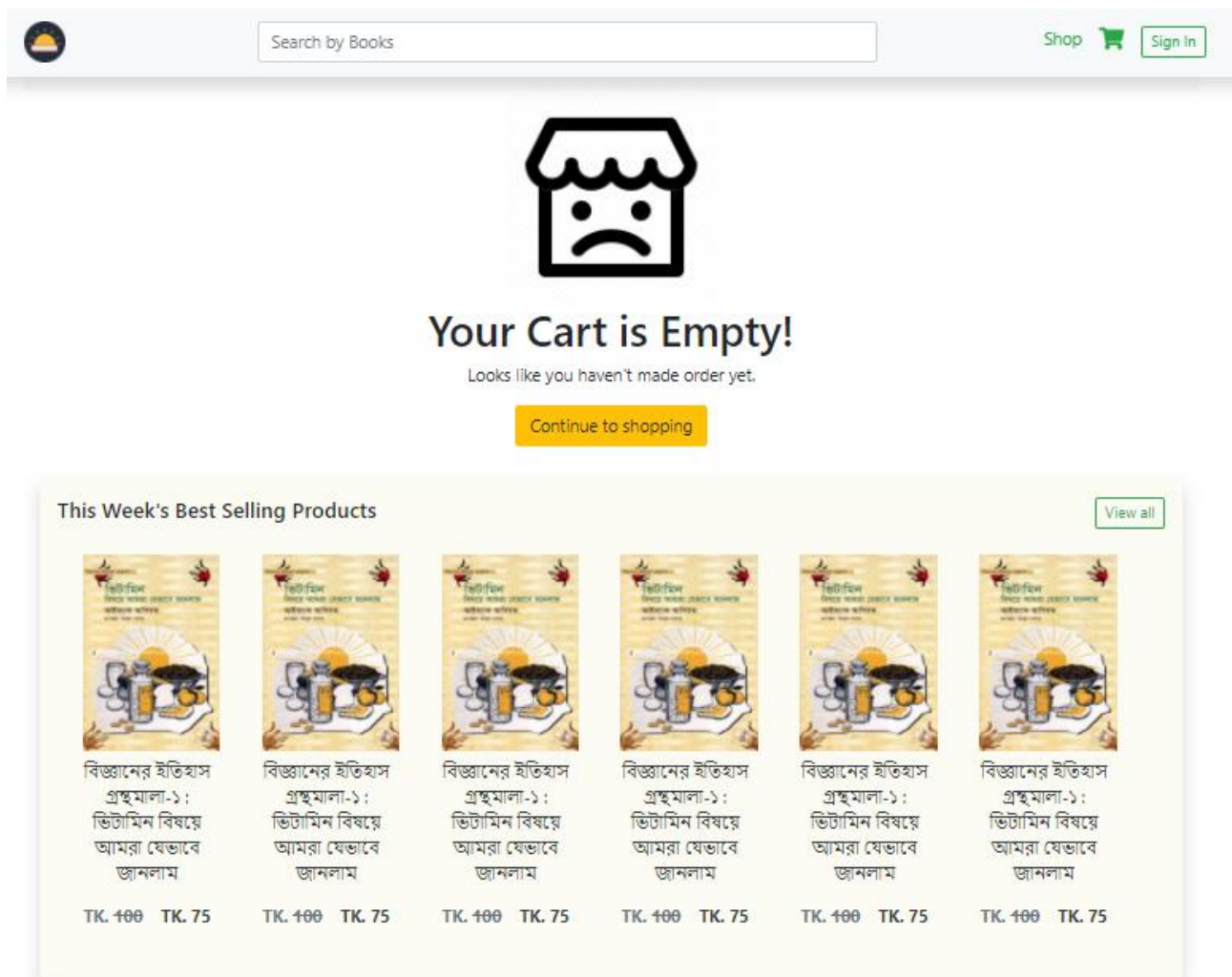


Fig. 5.8: Empty cart page

9.Cart



[Shop](#)  2 [Sign In](#)

My Cart (2 Items)

Total Tk. 485
You're saving total Tk. 65



Bangladesh History

- 1 +

~~100 Tk.~~ 85 Tk.





Test Book

- 1 +

~~450 Tk.~~ 400 Tk.



একসাথে যত খুশি বই আর্ডার করুন, শিপিং চার্জ মাত্র ৫০ টাকা

[Go to shipping](#)

Checkout Summary

Subtotal	485 TK.
Shipping	50 TK.
Total	535 TK.
Payable Total	535 TK.

This Week's Best Selling Products [View all](#)



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম



বিজ্ঞানের ইতিহাস
গ্রন্থমালা-১:
ভিটামিন বিষয়ে
আমরা যেভাবে
জানলাম

Fig. 5.9: Cart page

10.Shipping



Shop  1 test_user

Checkout

Your Order

Product Name	Quantity	Price
Bangladesh History Brief description	* 1	Tk. 85
Shipping		Tk. 50
Total		Tk. 135

3

Billing address

Name

Mobile Number

Email (Mandatory)

Address

Place order

 Help: 16297
24 Hours a Day, 7 Days a Week

 Pay cash on delivery
Pay cash at your doorstep

 Service
All over Bangladesh

 Help: 16297
24 Hours a Day, 7 Days a Week

FOOTER CONTENT

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Iste atque ea quis molestias. Fugiat pariatur maxime quis culpa corporis vitae repudiandae aliquam voluptatem veniam, est atque cumque eum delectus sint!

LINKS

- Link 1
- Link 2
- Link 3
- Link 4

LINKS

- Link 1
- Link 2
- Link 3
- Link 4

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Fig.5.10: Shipping Page

11. shopping

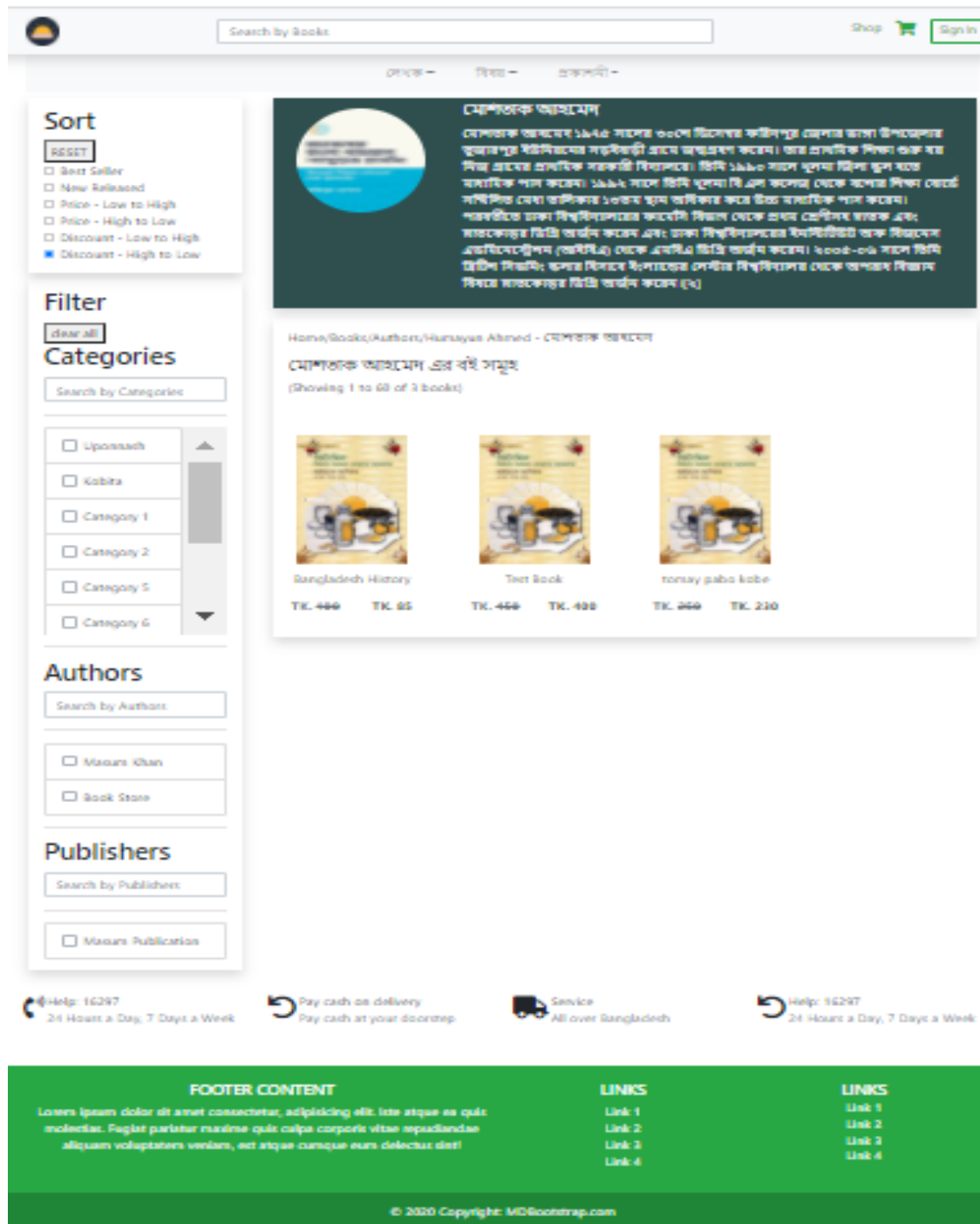


Fig. 5.11: Shop page

4.4 Implementation Requirements

1.Implementation requirement for registration:

- I. Full name
- II. valid email address
- III. valid phone number
- IV. have to give a strong password

2.For Sign up:

- I. For sign in have give the valid email that creating by registration
- II. have to give valid password

3. Checkout:

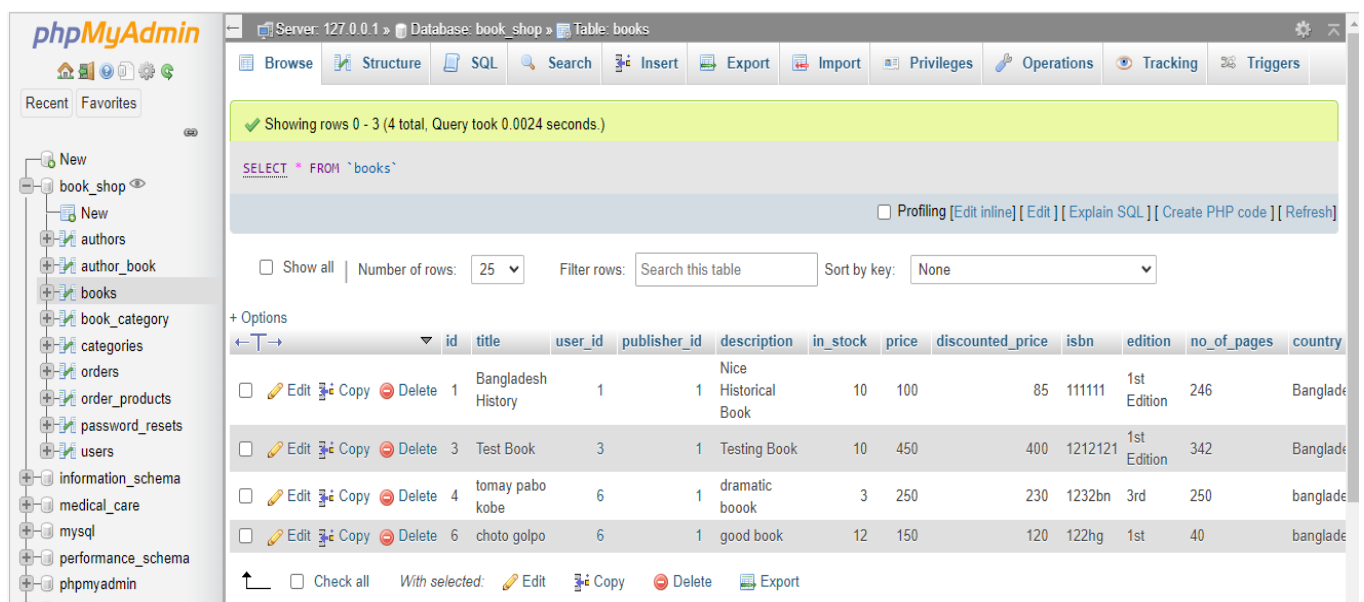
- I. have fill-up user name
- II. valid mobile number
- III. valid email
- IV. finally have fill-up the address

Implementation and Testing

5.1 Implementation of Database

I create all my database table in my in my database
this table are :

Book Table:



The screenshot shows the phpMyAdmin interface for a database named 'book_shop'. The 'books' table is selected, and its structure and data are displayed. The table has 12 columns: id, title, user_id, publisher_id, description, in_stock, price, discounted_price, isbn, edition, no_of_pages, and country. The data is as follows:

id	title	user_id	publisher_id	description	in_stock	price	discounted_price	isbn	edition	no_of_pages	country
1	Bangladesh History	1	1	Nice Historical Book	10	100	85	111111	1st Edition	246	Banglade
3	Test Book	3	1	Testing Book	10	450	400	1212121	1st Edition	342	Banglade
4	tomay pabo kobe	6	1	dramatic book	3	250	230	1232bn	3rd	250	banglade
6	choto golpo	6	1	good book	12	150	120	122hg	1st	40	banglade

Fig. 6: Book table

Author table:

The screenshot shows the phpMyAdmin interface for the 'book_shop' database. The 'authors' table is selected, and the 'Structure' tab is active. The table has the following columns: id, name, avatar_location, created_at, and updated_at. The data is displayed in a table with two rows.

	id	name	avatar_location	created_at	updated_at
☐	1	Masum Khan		2021-02-25 00:20:19	NULL
☐	3	Book Store	aasdfalk	2021-02-26 23:18:52	NULL

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

Fig. 6.1:Author Table

Author_book table:

Server: 127.0.0.1 » Database: book_shop » Table: author_book

Showing rows 0 - 1 (2 total, Query took 0.0017 seconds.)

```
SELECT * FROM `author_book`
```

Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	author_id	book_id	created_at	updated_at
☐ Edit ☐ Copy ☐ Delete	1	1	1	2021-02-25 00:21:03	NULL
☐ Edit ☐ Copy ☐ Delete	3	3	3	2021-02-26 23:19:56	NULL

Query results operations

Print Copy to clipboard Export Display chart Create view

Fig. 6.2: Author Book table

Book_category table

Server: 127.0.0.1 » Database: book_shop » Table: book_category

Showing rows 0 - 1 (2 total, Query took 0.0020 seconds.)

```
SELECT * FROM `book_category`
```

Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	book_id	category_id	created_at	updated_at
☐ Edit ☐ Copy ☐ Delete	1	1	1	2021-02-25 00:28:47	NULL
☐ Edit ☐ Copy ☐ Delete	3	3	1	2021-02-26 23:22:03	NULL

Query results operations

Print Copy to clipboard Export Display chart Create view

Fig. 6.3: Author book table

Categories table

Server: 127.0.0.1 » Database: book_shop » Table: categories

Showing rows 0 - 9 (10 total, Query took 0.0018 seconds.)

`SELECT * FROM `categories``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

		id	title	created_at	updated_at
☐	Edit Copy Delete	1	Upponnash	2021-02-24 23:27:26	NULL
☐	Edit Copy Delete	2	Kobita	2021-02-24 23:27:26	NULL
☐	Edit Copy Delete	3	Category 1	NULL	NULL
☐	Edit Copy Delete	4	Category 2	NULL	NULL
☐	Edit Copy Delete	5	Category 5	NULL	NULL
☐	Edit Copy Delete	6	Category 6	NULL	NULL
☐	Edit Copy Delete	7	Categor 7	NULL	NULL
☐	Edit Copy Delete	8	Category 8	NULL	NULL
☐	Edit Copy Delete	9	Category 9	NULL	NULL

Fig. 6.5: Categories table

Order table

Server: 127.0.0.1 » Database: book_shop » Table: orders

Showing rows 0 - 4 (5 total, Query took 0.0018 seconds.)

`SELECT * FROM `orders``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

		id	user_id	status	payment_status	created_at	updated_at
☐	Edit Copy Delete	1	4	Pending	Pending	2021-09-23 11:28:02	2021-09-23 11:28:02
☐	Edit Copy Delete	2	5	Pending	Pending	2021-09-24 04:29:48	2021-09-24 04:29:48
☐	Edit Copy Delete	3	6	Pending	Pending	2021-10-04 07:17:02	2021-10-04 07:17:02
☐	Edit Copy Delete	4	6	Pending	Pending	2021-10-06 05:30:15	2021-10-06 05:30:15
☐	Edit Copy Delete	5	6	Pending	Pending	2021-10-07 08:55:27	2021-10-07 08:55:27

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Fig. 6.7: Order Table

Order_products table

Server: 127.0.0.1 » Database: book_shop » Table: order_products

Showing rows 0 - 2 (3 total, Query took 0.0021 seconds.)

`SELECT * FROM `order_products``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	book_id	order_id	quantity	created_at	updated_at
☐	Edit	Copy	Delete	1	1	1	1	2021-09-23 11:28:02	2021-09-23 11:28:02
☐	Edit	Copy	Delete	2	1	2	1	2021-09-24 04:29:48	2021-09-24 04:29:48
☐	Edit	Copy	Delete	3	3	2	5	2021-09-24 04:29:48	2021-09-24 04:29:48

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Fig. 6.8: Order Product table

User table

Server: 127.0.0.1 » Database: book_shop » Table: users

Showing rows 0 - 5 (6 total, Query took 0.0017 seconds.)

`SELECT * FROM `users``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	name	email	email_verified_at	password	two_factor_sec
☐	Edit	Copy	Delete	1	Test User 1	testuser1@bookshop.com	NULL	\$2y\$10\$2vVqhlYjXe7acqOWF6Pb.Ffb0PHVjoXIRY2GdJpx...	NULL
☐	Edit	Copy	Delete	2	Masum Khan	masum@masum.com	NULL	\$2y\$10\$Rq/r5sx6BuyH6TDOx6tr2uw/NyvnO3a/QLUJKoBbsQ3...	NULL
☐	Edit	Copy	Delete	3	Book Store	bookstore@bookstore.com	NULL	\$2y\$10\$S8w/CbhvTvLnWo4znWpHOO0VISVUIH.h/1AOxqR7Iub...	NULL
☐	Edit	Copy	Delete	4	Test User	testuser3@test.com	NULL	\$2y\$10\$O/lqHuPQ.3s/PTyrNgVEXu0D4kHIERAXPkRXIhVE2Qy...	NULL
☐	Edit	Copy	Delete	5	masum	masum@gmail.com	NULL	\$2y\$10\$d4tIod19fuCOUfQItNmn2eCw1dRterl6oYk7/JfjbN...	NULL
☐	Edit	Copy	Delete	6	test_user	test1@gmail.com	NULL	\$2y\$10\$WFn5AUr3zG6DEimB5zpPcOLH09E04Olog1rooqOjINO...	NULL

Fig. 6.9: User table

5.2 Implementation of Front-end Design

1) Home Page

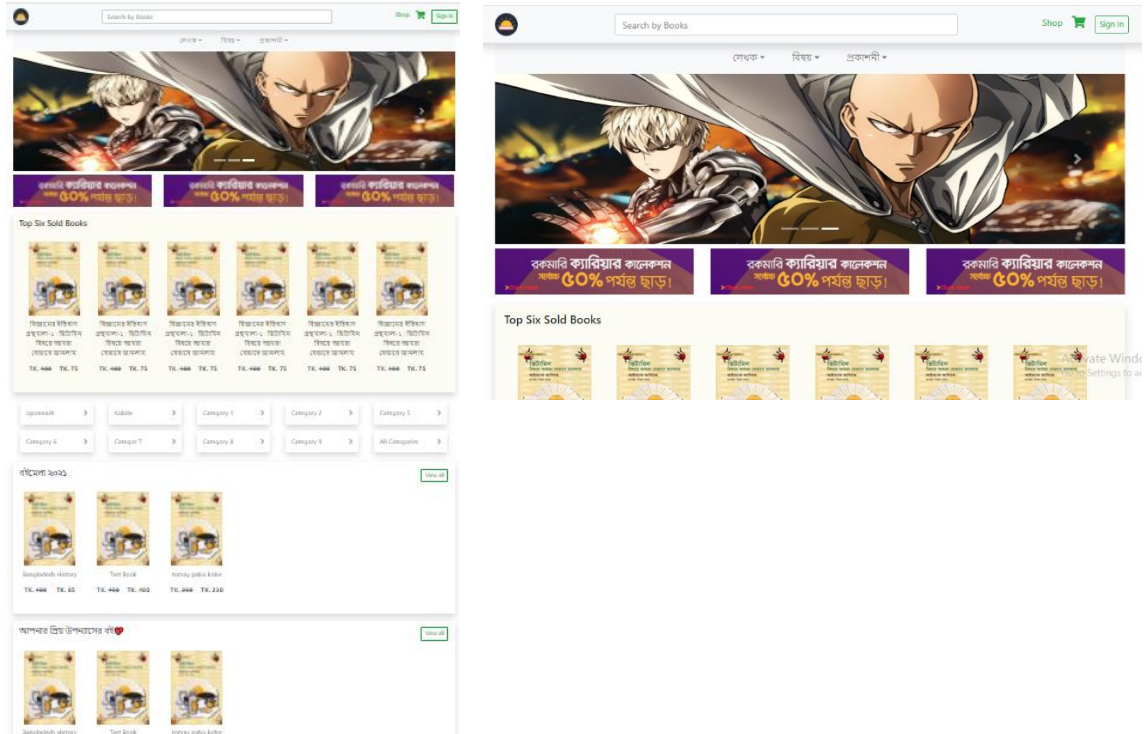


Fig. 7: Home page Layout

1) User Registration and sign in page

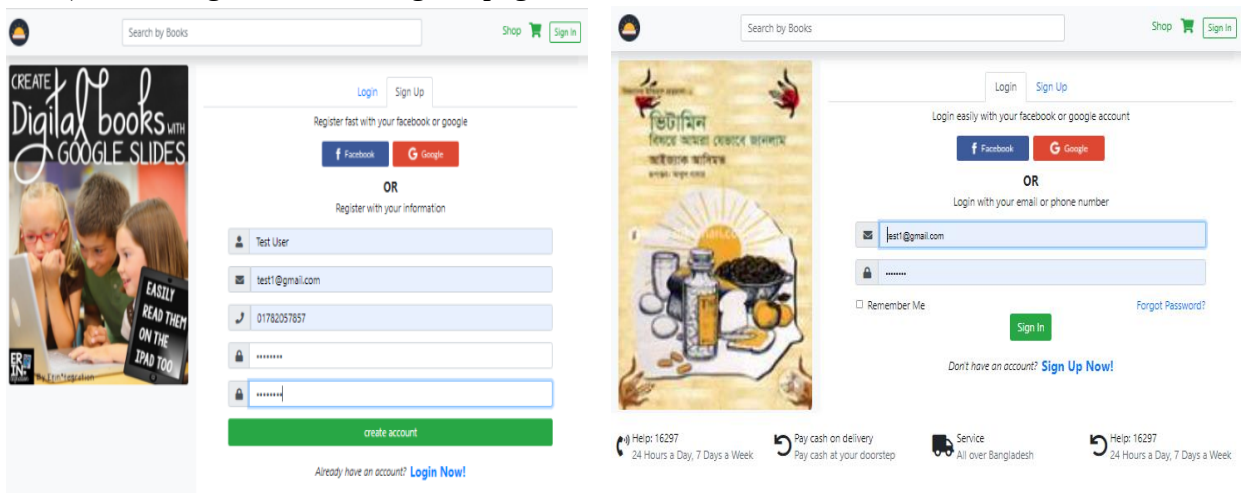


Fig. 7.1 Registration and sign layout

2) Cart page

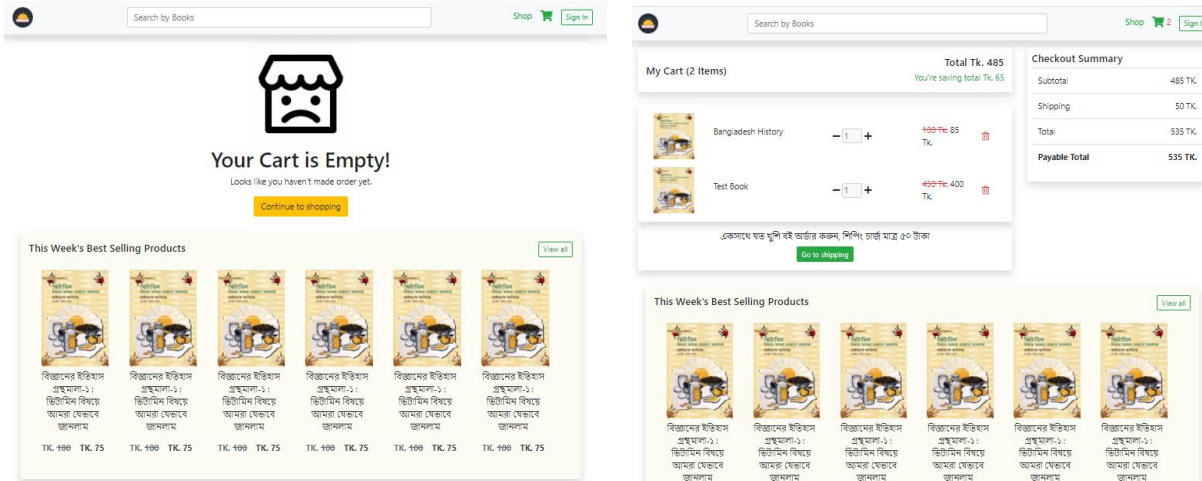


Fig. 7.2: Cart layout

5) Book add and update page

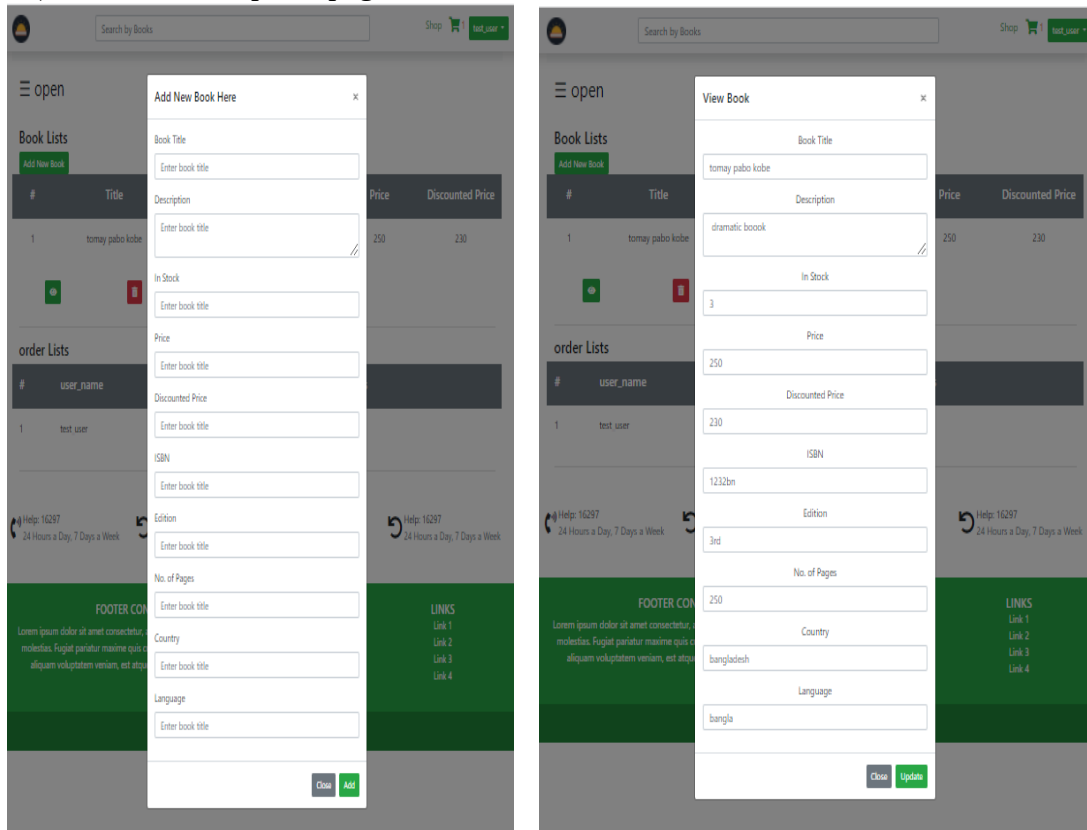


Fig.7.3: Book add and update layout

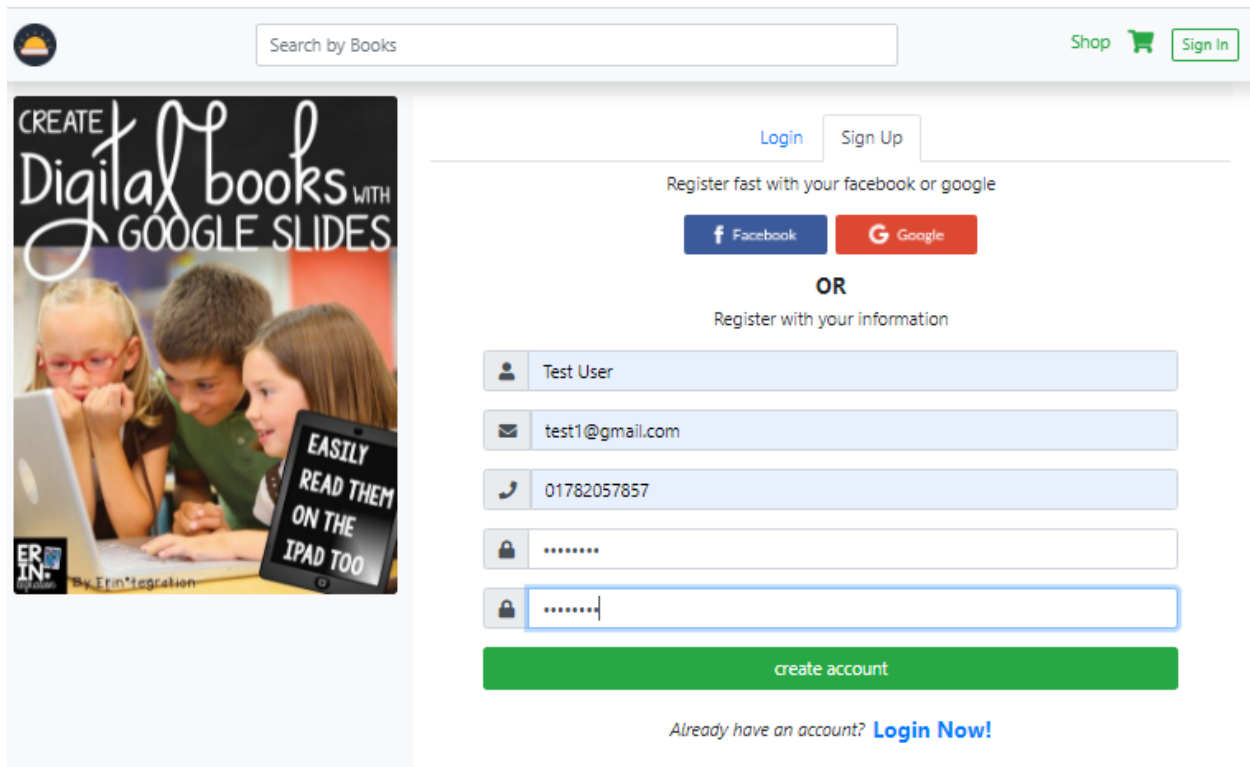
5.3 Testing Implementation

User can register and sign in. After successfully Sign In user can add book and also update and delete book.

Registration: new user Registration as V:Test user

Gmail account :test1@gmail.com

Phone Number:01782057857



The screenshot shows a user registration interface. On the left, there is a promotional image for 'CREATE Digital books WITH GOOGLE SLIDES' featuring children using a laptop and a tablet. The main registration area has a 'Search by Books' bar at the top. Below it, there are 'Login' and 'Sign Up' tabs. The 'Sign Up' tab is active, showing options to 'Register fast with your facebook or google' (with Facebook and Google buttons) and 'OR Register with your information'. The latter option includes input fields for 'Test User' (username), 'test1@gmail.com' (email), '01782057857' (phone number), and two password fields (both masked with dots). A green 'create account' button is at the bottom. A link 'Already have an account? Login Now!' is also present.

Fig.8: User registration

Add book: test user add a new book:

Book title: Testing book

Description: This book is testing for my application

In Stock: 2

Price: 200

Discounted Price: 150

ISBN: 122hg

Edition: 1st

No. of Pages: 40

Country: Bangladesh
Language: Bangla

Testing Book

Description
This book is testing for my application

In Stock
2

Price
200

Discounted Price
150

ISBN
122hg

Edition
1st

No. of Pages
40

Country
bangladesh

Language
bangla

Close Add

Shop test_user

Price Discounted Price

#	Title
1	tomay pabo kobe
2	choto golpo

order Lists

#	user_name
1	test_user
2	test_user

Fig. 8.1: Adding new book

After the registration user can sign in with this account .

Fig. 8.2:user sign in

User in database

SELECT * FROM `users`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

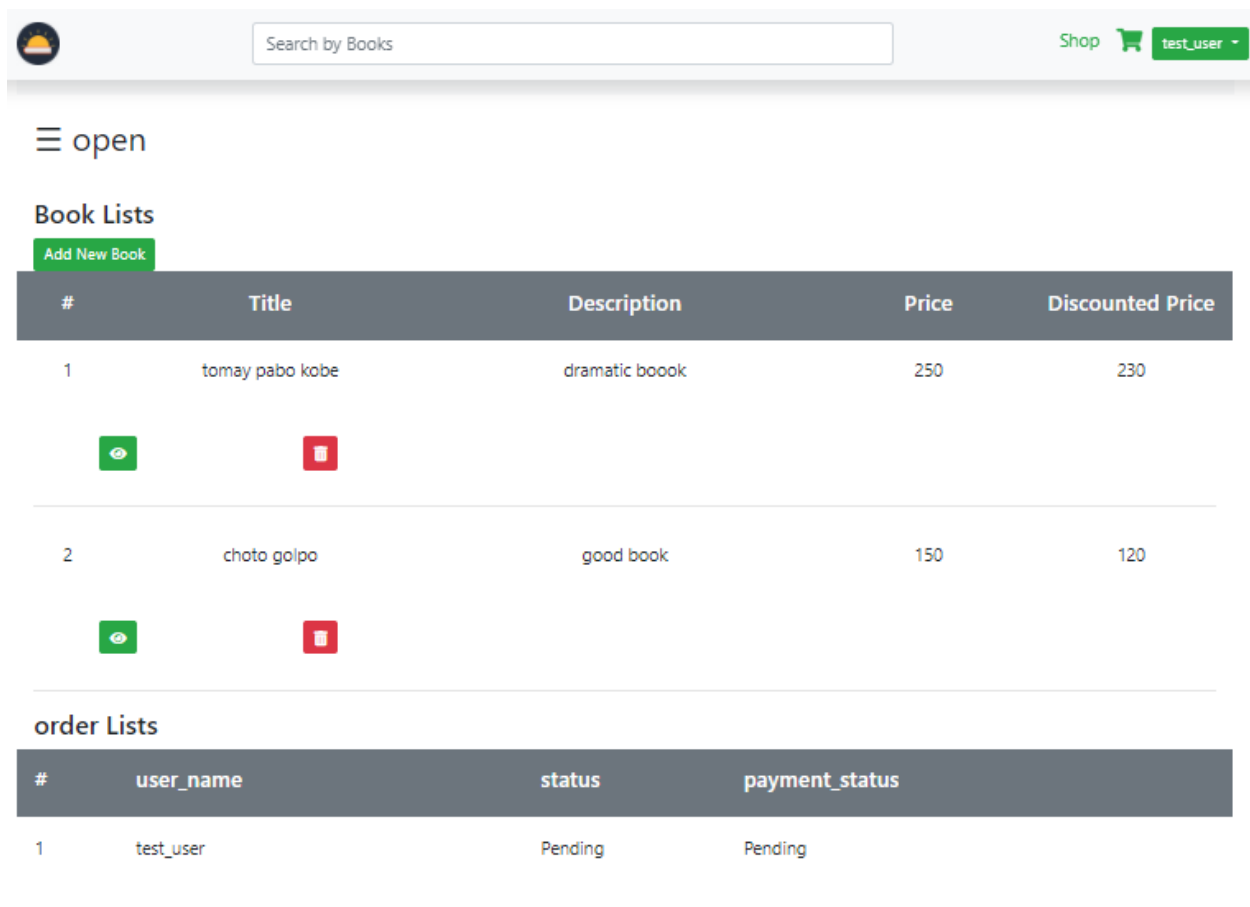
☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

		id	name	email	email_verified_at	password	two_factor_sec
☐	Edit Copy Delete	1	Test User 1	testuser1@bookshop.com	NULL	\$2y\$10\$vVqhlYj/Xe7acqOWF6Pb.Ffib0PHVjoXIRY2GdJpx...	NULL
☐	Edit Copy Delete	2	Masum Khan	masum@masum.com	NULL	\$2y\$10\$Rqr5sx6BuyH6TDOx6tr2uw/NyvnO3a/QLIJKoBbsQ3...	NULL
☐	Edit Copy Delete	3	Book Store	bookstore@bookstore.com	NULL	\$2y\$10\$S8w/CbhvTvLnWo4znWpHOO0ViSVUIH.h1AOxqR7lub...	NULL
☐	Edit Copy Delete	4	Test User	testuser3@test.com	NULL	\$2y\$10\$O/lqHuPQ.3s/PTyrNgVEXu0D4kHIERAXPkRXIhVE2Qy...	NULL
☐	Edit Copy Delete	5	masum	masum@gmail.com	NULL	\$2y\$10\$d4lod19fuCOUQItNmn2eCw1dRterl6oYkf7/JFjbN...	NULL
☐	Edit Copy Delete	6	test_user	test1@gmail.com	NULL	\$2y\$10\$WFn5AUr3zG6DEimB5zpPcOLH09E04Olog1rooqOjINO...	NULL

Fig. 9: User data insert in database

5.4 Test Results and Reports

Successfully sign in thn user can go to dashboard



The dashboard interface includes a top navigation bar with a profile icon, a search bar labeled 'Search by Books', a 'Shop' button with a cart icon, and a user dropdown menu showing 'test_user'. A sidebar on the left contains a hamburger menu icon and the text 'open'. The main content area is divided into two sections: 'Book Lists' and 'order Lists'. The 'Book Lists' section features an 'Add New Book' button and a table with columns for '#', 'Title', 'Description', 'Price', and 'Discounted Price'. It contains two rows of book data, each with a green eye icon and a red square icon. The 'order Lists' section contains a table with columns for '#', 'user_name', 'status', and 'payment_status', showing one pending order for 'test_user'.

Book Lists

Add New Book

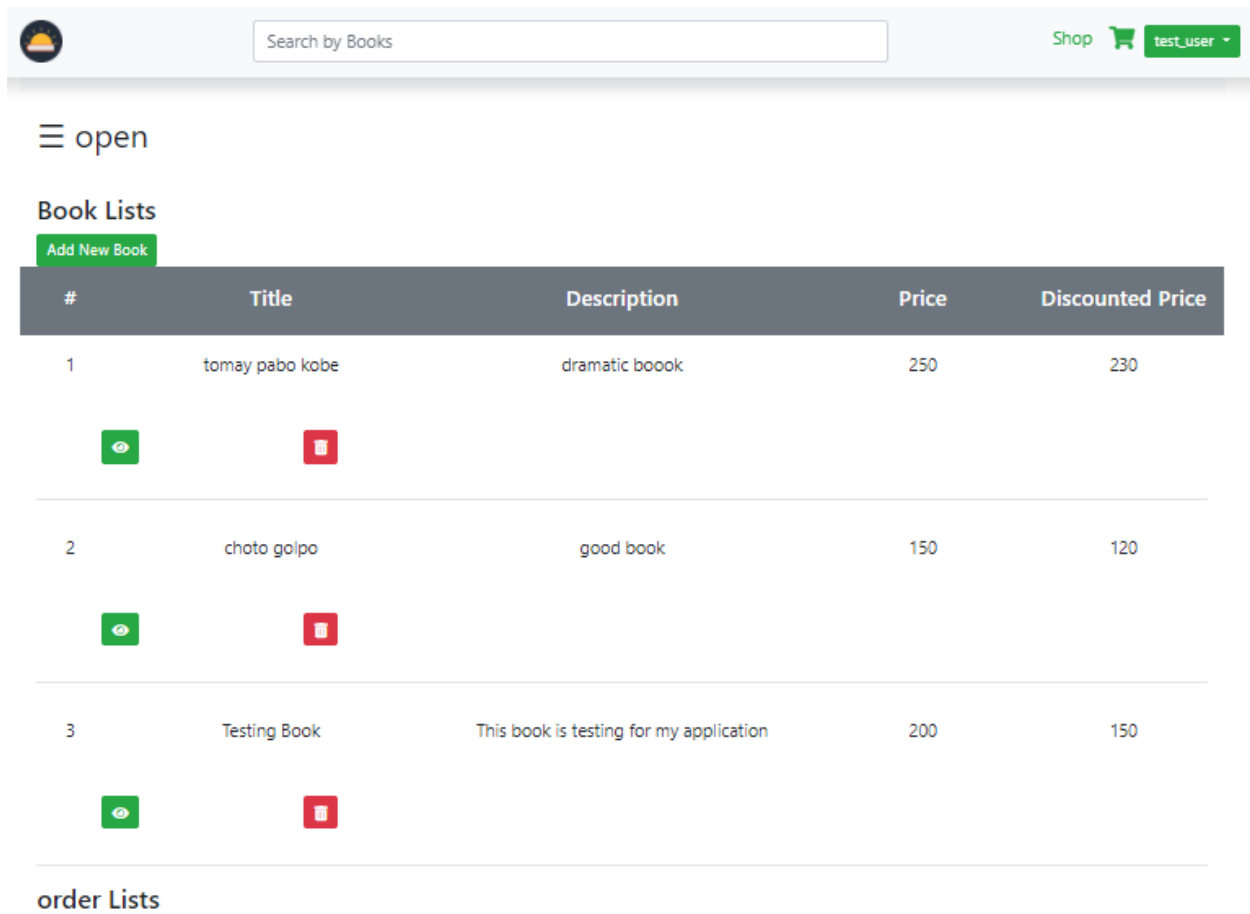
#	Title	Description	Price	Discounted Price
1	tomay pabo kobe	dramatic boook	250	230
				
2	choto golpo	good book	150	120
				

order Lists

#	user_name	status	payment_status
1	test_user	Pending	Pending

Fig. 9.1: user dashboard

Successfully add the book the is thr book is show in home page. Add testing book name title that show in home page result is



The image shows a user dashboard for a book application. At the top, there is a navigation bar with a profile icon, a search bar labeled "Search by Books", a "Shop" button with a shopping cart icon, and a user profile button labeled "test_user". Below the navigation bar, there is a section titled "Book Lists" with an "Add New Book" button. The main content area displays a table of books. The table has five columns: "#", "Title", "Description", "Price", and "Discounted Price". There are three rows of books listed. Each row includes a green eye icon and a red book icon. Below the table, there is a section titled "order Lists".

#	Title	Description	Price	Discounted Price
1	tomay pabo kobe	dramatic boook	250	230
2	choto golpo	good book	150	120
3	Testing Book	This book is testing for my application	200	150

Fig. 9.2: user dashboard after adding book

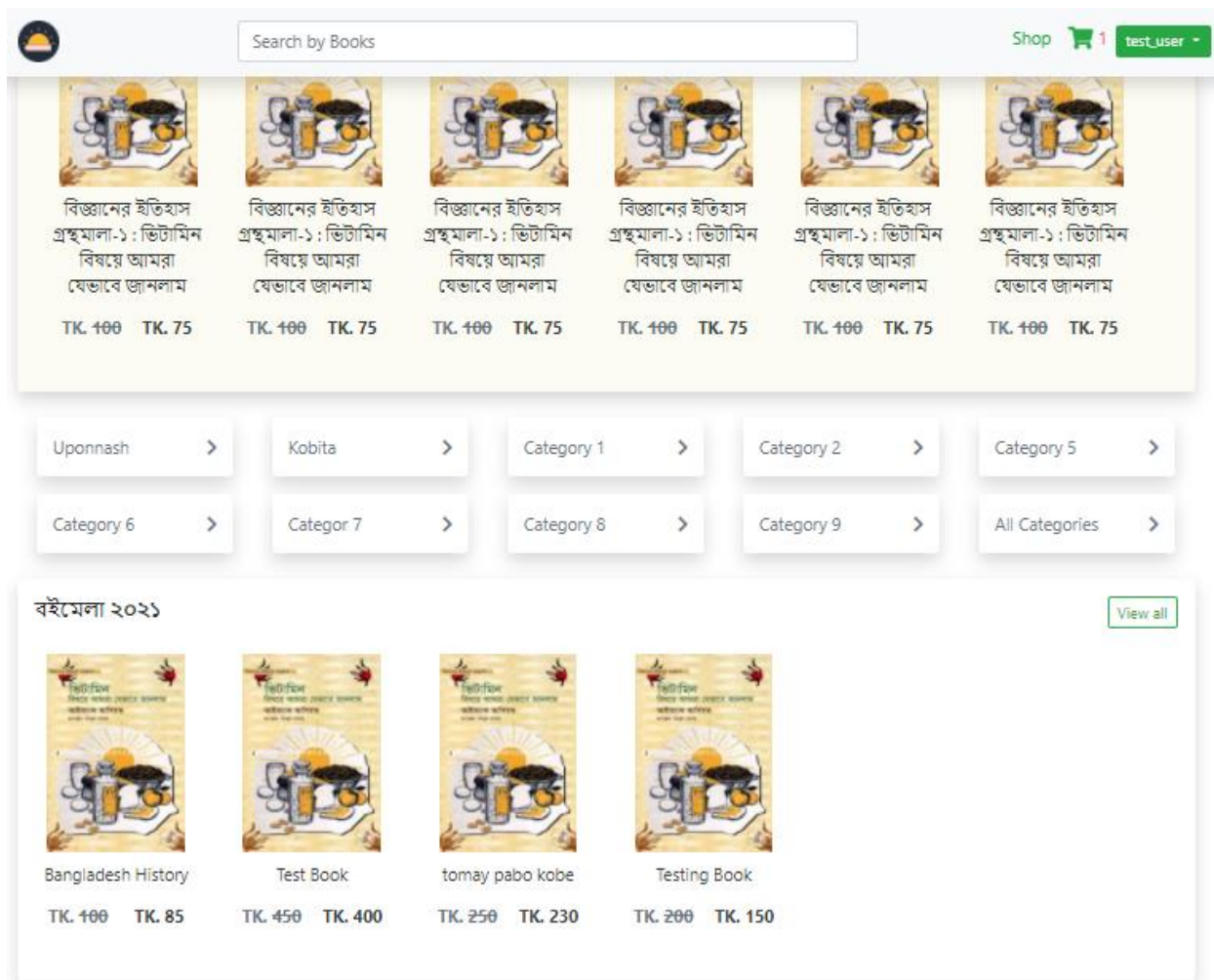


Fig.9.3: The test book successfully show in home page

The book in database

SELECT * FROM `books`												
☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]												
☐ Show all Number of rows: 25 Filter rows: Search this table Sort by key: None												
+ Options												
	id	title	user_id	publisher_id	description	in_stock	price	discounted_price	isbn	edition	no_of_pages	country
☐ Edit Copy Delete	1	Bangladesh History	1	1	Nice Historical Book	10	100	85	111111	1st Edition	246	Banglade
☐ Edit Copy Delete	3	Test Book	3	1	Testing Book	10	450	400	1212121	1st Edition	342	Banglade
☐ Edit Copy Delete	4	tomay pabo kobe	6	1	dramatic boook	3	250	230	1232bn	3rd	250	banglade
☐ Edit Copy Delete	7	Testing Book	6	1	This book is testing for my application	2	200	150	122hg	1st	40	banglade

Fig. 9.4:The book store in database

when user delete book it also delete from home page

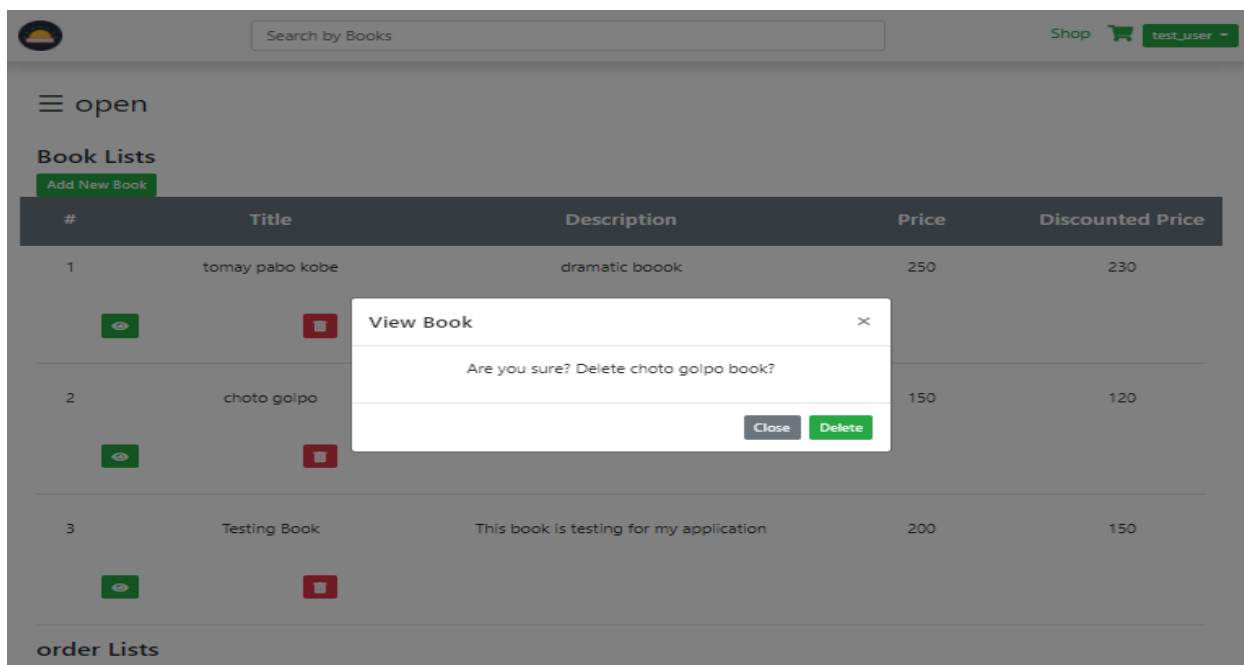


Fig. 9.5: Deleting the book

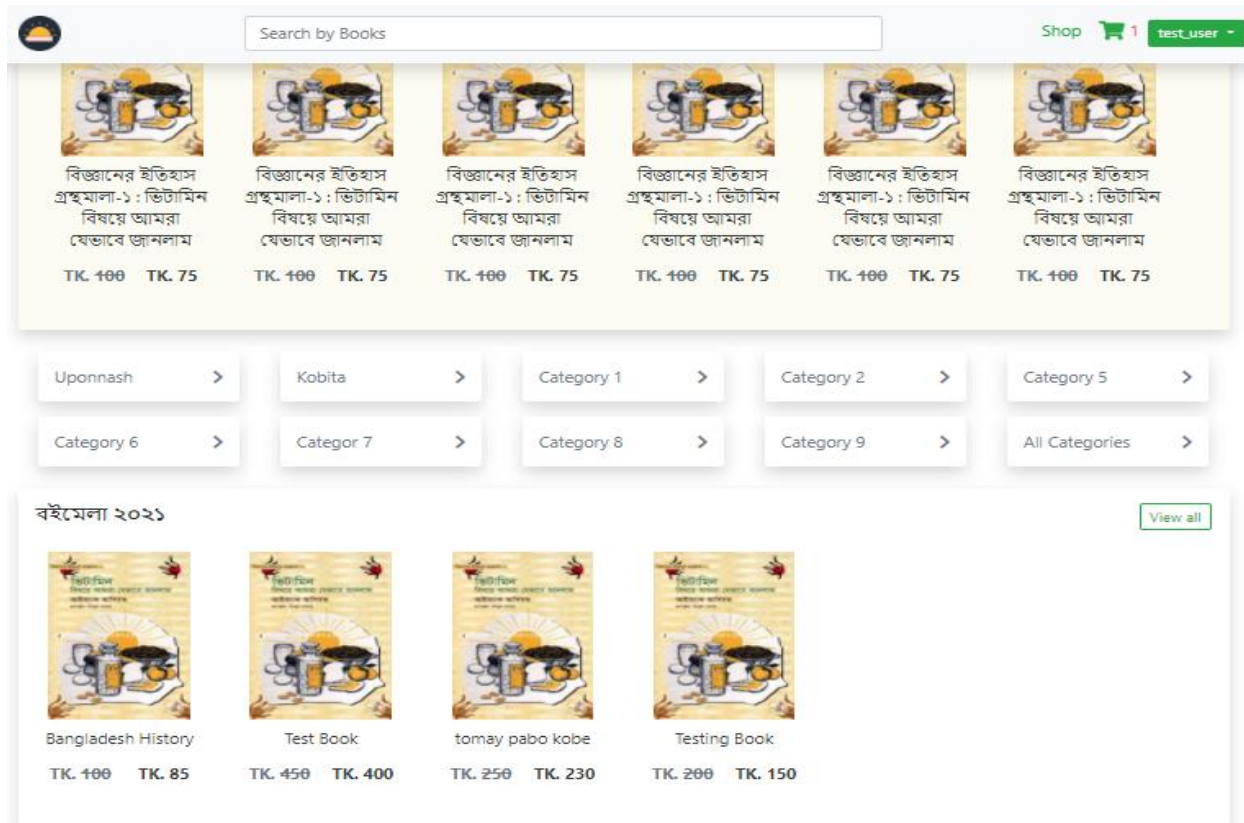


Fig. 9.6: Book delete from home page

The Choto Golpo book also delete from database



	id	title	user_id	publisher_id	description	in_stock	price	discounted_price	isbn	edition	no_of_pages	country
☐ Edit Copy Delete	1	Bangladesh History	1	1	Nice Historical Book	10	100	85	111111	1st Edition	246	Banglade
☐ Edit Copy Delete	3	Test Book	3	1	Testing Book	10	450	400	1212121	1st Edition	342	Banglade
☐ Edit Copy Delete	4	tomay pabo kobe	6	1	dramatic boook	3	250	230	1232bn	3rd	250	banglade
☐ Edit Copy Delete	7	Testing Book	6	1	This book is testing for my application	2	200	150	122hg	1st	40	banglade

Fig. 9.7: the book also delete from database

My online book selling project Successfully connect with database . Project functionalities work perfectly.

Impact on Society, Environment and Sustainability

6.1 Impact on Society

I hope this web application create a social bonding with the community. With this application user can communicate with each other. Create a good understanding between user and supplier. User will be interested to read book by using this application . By using this application user will save their costs, time and also improve efficiency.

6.2 Impact on Environment

In this modern time environment is polluted by many way. For the pollution OZONlayer (O3) is destroyed by chlorine and bromine .

I try to make my project friendly for environment. How pollution is occur depend on how much carbon emission my system. From product order to deliver to reduce carbon emission. For reducing carbon emission choose bicycle for deriver the book. And also use eco-friendly shopping bag.

6.3 Ethical Aspects

Ethical aspect is more important for any application. Never ever share user personal information for personal aspect or other reason. Don't do cheating with the customer. Order book and the delivery book always be same. Book have a reasonable price.

6.4 Sustainability Plan

Sustainability for my online book selling web application is important. For my application set sustainable plan

- I. Update the application.
- II. Implement sustainable shipping
- III. Create recycling policies
- IV. Reduce energy waste
- V. Create an offset service charge at checkout

Conclusion and Future Scope

7.1: Discussion And Conclusion

Online book selling web application that is my project I take care of my job with assistance of my good instructor my task administrator Mohammad Rifat Rashid, Phd. In my application a client can look through book dependent on title, writer and different category. The chose book are show in truck design and the client can add new book. Customer can sell their book sitting in their home by this site .

7.2 Scope for future Development

In future I will developing registration option. There will different option for registration like shop owner registration , author registration and normal user registration. And there dashboard will different with each other.

References

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3. <https://www.sqlshack.com/learn-mysql-add-data-in-tables-using-the-insert-statement/>
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6. <https://laravel.com/docs/5.0/database>