



Project Report

**BOOK TRADING PLATFORM: BOOKBLEND:
Buying Selling Books at finger-tips**

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We would also like to thank our family and friends for their understanding, patience, and unwavering support during the course of this project.

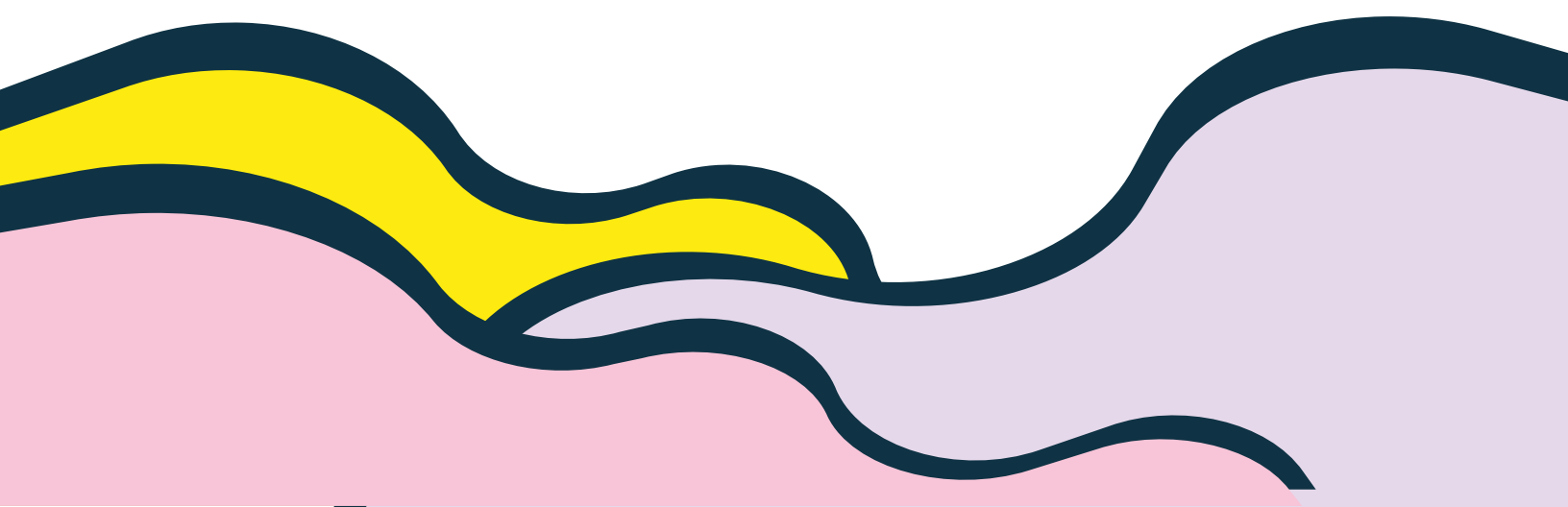
Lastly, we acknowledge all individuals whose names may not be mentioned here but who have played a role, however small, in the completion of this project.

Thank you all for your support and encouragement.





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INTRODUCTION:


At our website, we connect book lovers from all corners, providing a seamless and secure way to buy, and sell books

The platform enables users to list books for sale, browse a diverse catalog of titles, and engage in direct communication with sellers via messaging features.

This report provides an overview of the website's features, user interface, and the impact of its implementation on user engagement and satisfaction.

Project Overview:

Our system provides a platform where user create account which enable them to upload their books for sale, the data is stored then stored in database. Our platform also allows users to buy books from the available database, also we provide direct facility for buyers to message the ones they are buying from.





Project Architecture:

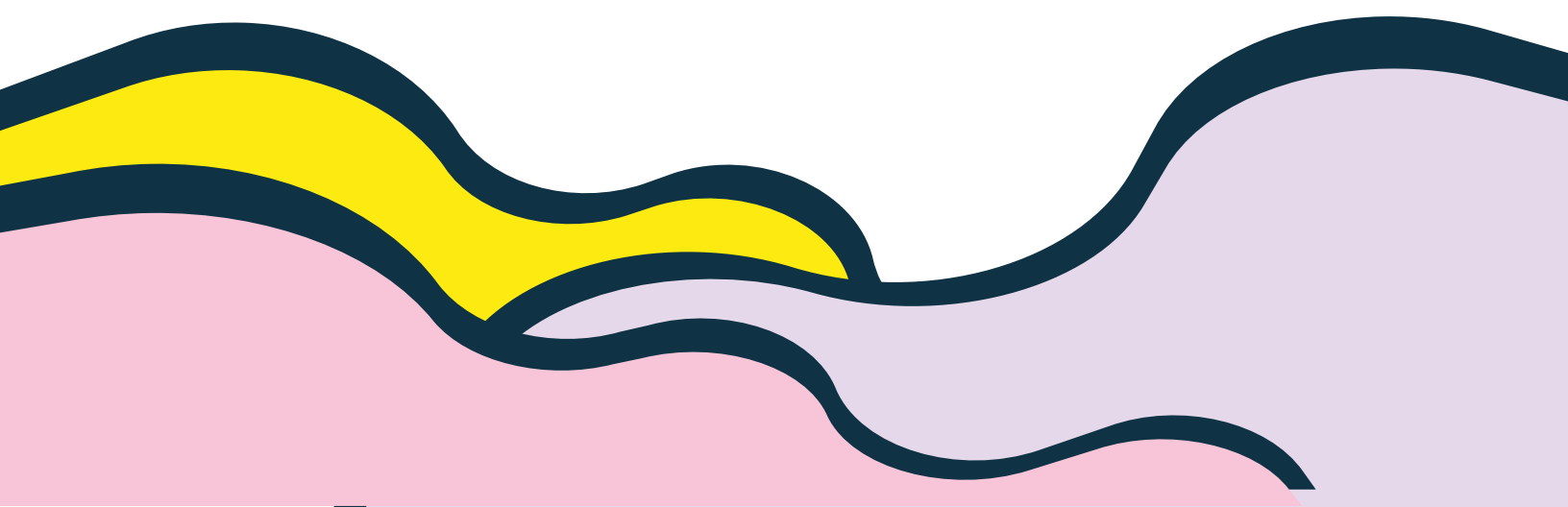
The system architecture has:

FRONTEND: Developed using PHP, HTML, Javascript, CSS. The frontend created the user interface that users interact with directly. It encompasses the design, layout, and functionality of the website that users see and interact with in their web browsers.

BACKEND: The backend consists of the server-side components that power the frontend. It includes the application logic, database interactions, and server configurations that handle data processing and respond to user requests.

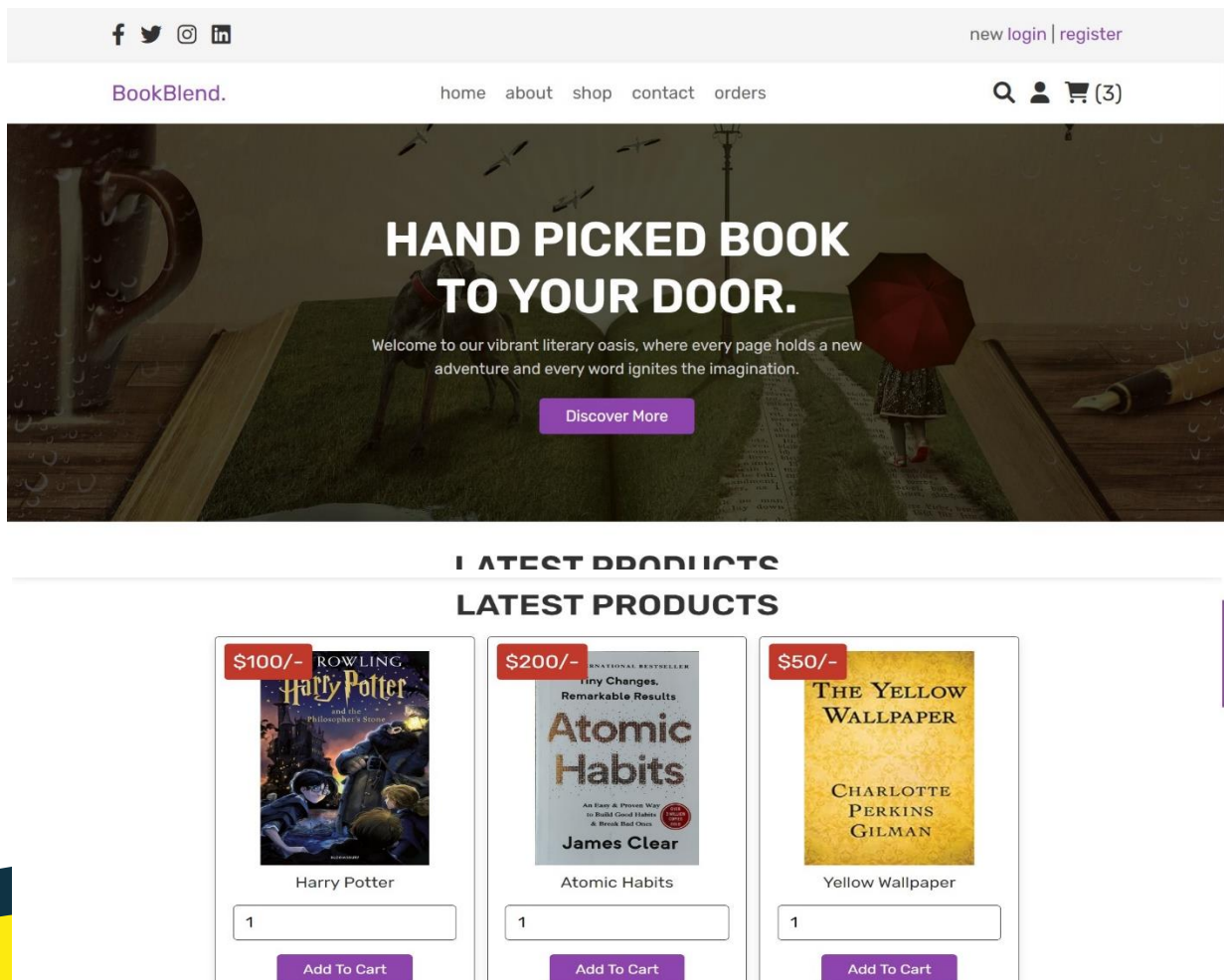
Our backend encompasses the use of PHP.

DATABASE: Our database is the component of backend that stores and manages the application's data. Our database management system involves the use of SQL.



Project Implementation:

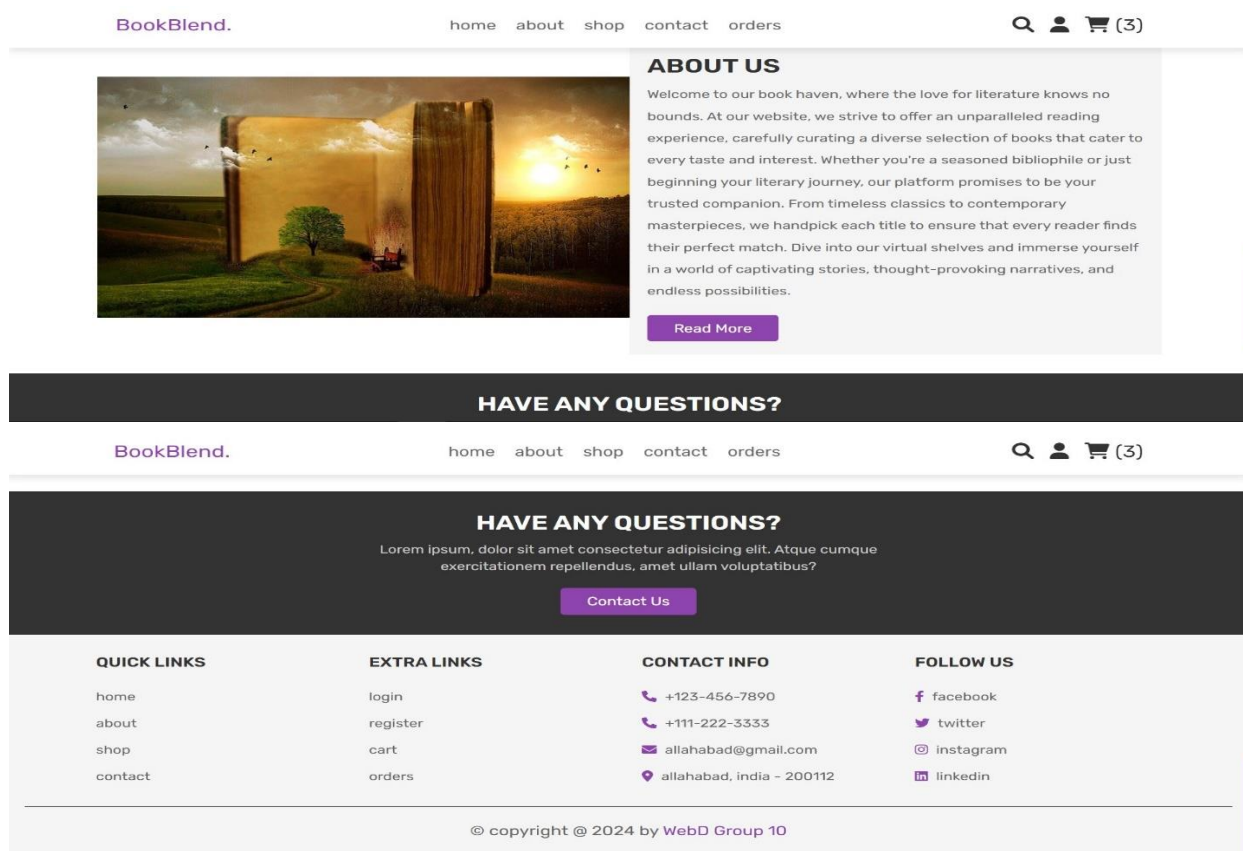
Home Page





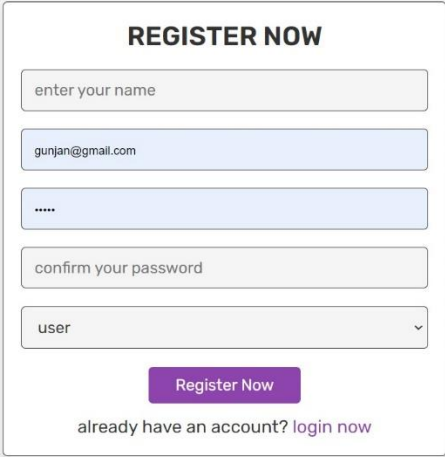
Features:

- Home Page, at its very top, contains links to the popular social media page, login page and register page, the follows the navigation bar, which consists of links to Home, About, Shop, Contact, Order.
- Home Page in its navigation bar also consists of **search box**, where a user can search for his desired book, if it is available in the database, the book icon with price, quantity and an option to add to cart appears, which upon click leads to "cart page".
- Then follows, a table consisting of available books.



- Further follows, details about the company
- Leading to an option "Contact Us" which allows message to be delivered to admin.

Register & Login:



REGISTER NOW

enter your name

gunjan@gmail.com

confirm your password

user

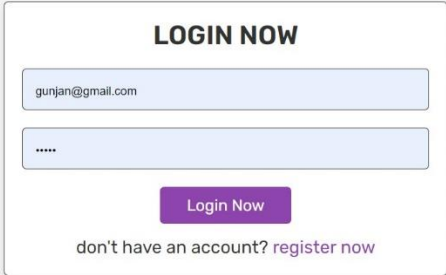
Register Now

already have an account? [login now](#)

Features:

- This page allows user to create an account(user/admin) with name, email, password, user type as inputs. All this data is saved into an SQL database.

Login Page:



LOGIN NOW

gunjan@gmail.com

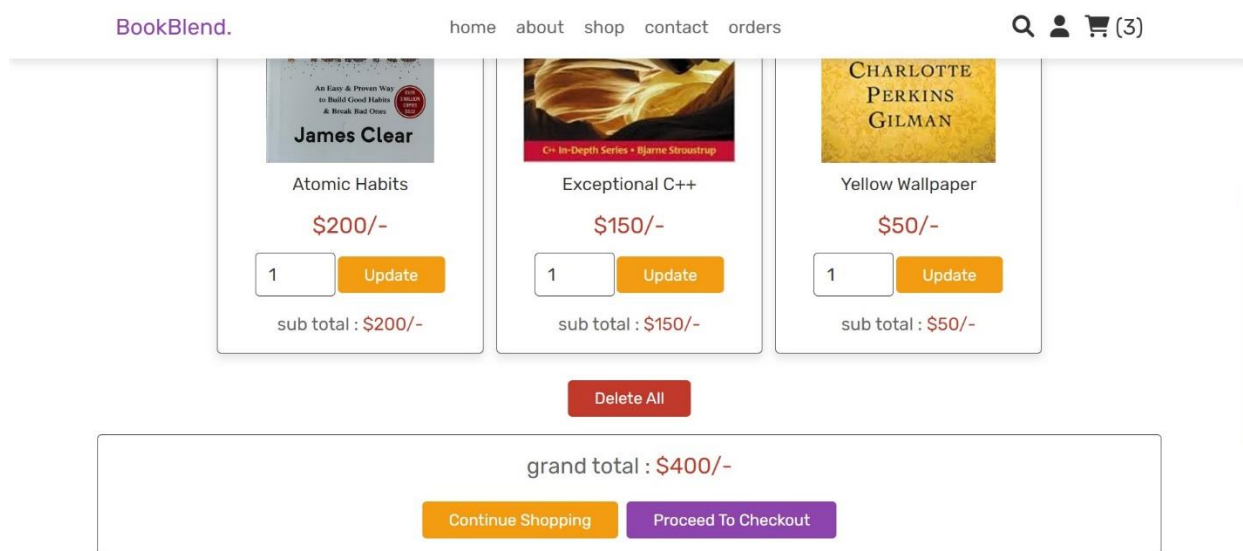
Login Now

don't have an account? [register now](#)

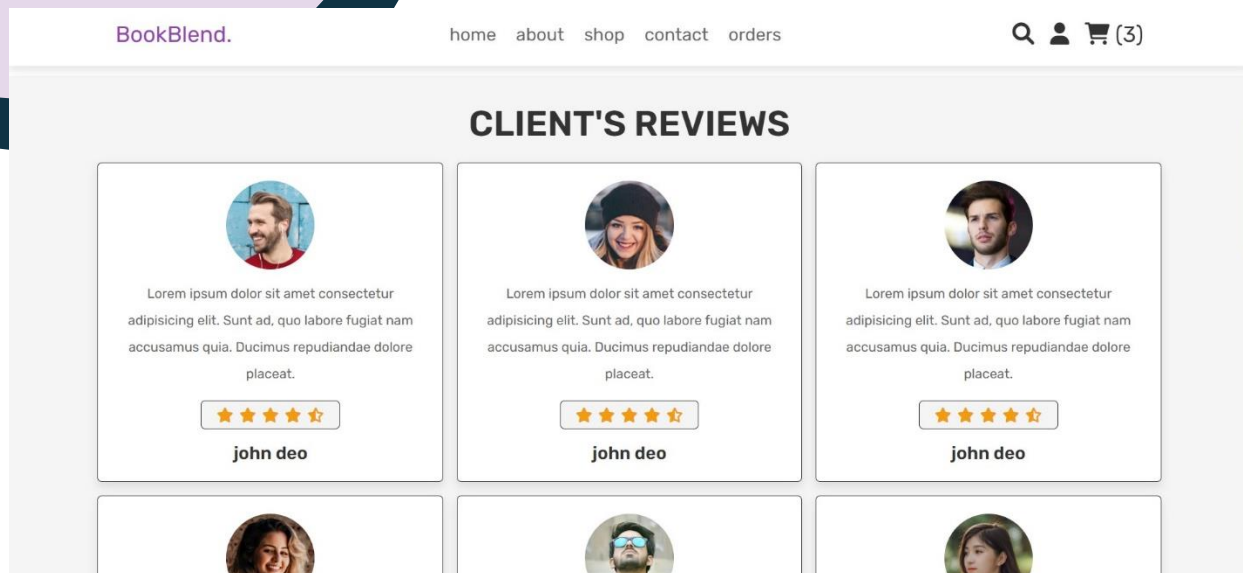
Features:

- Allows existing users to log into their accounts.
- If no such user exists in database, it displays a message saying "no such user".

Cart Page: (appears on clicking the cart icon, consists of items added to cart)



About Review Page: (consists of old client review)

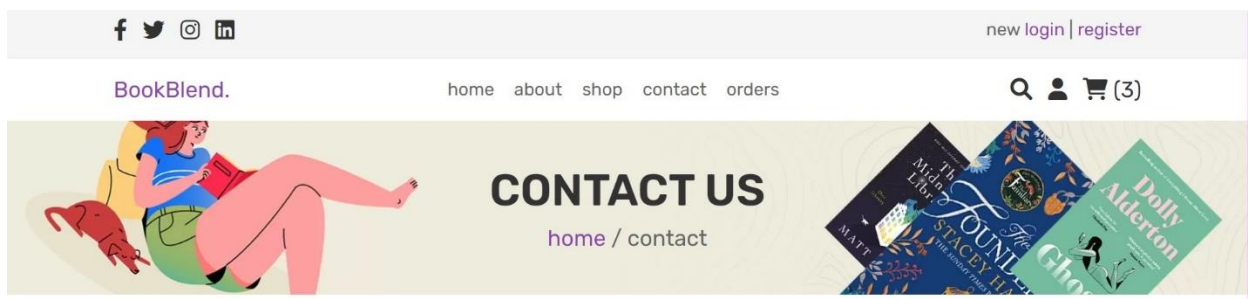


Address Detail Page:

(consists of a form that stores the details of the address of user in the database using PHP when they try to place order)

The screenshot shows the 'Address Detail Page' of the BookBlend website. The header is identical to the previous screenshot. The form contains the following fields and values: 'your name' (Shilpi), 'your number' (1234567890), 'your email' (shilpi@gmail.com), 'payment method' (cash on delivery), 'address line 01' (1), 'address line 02' (11), 'city' (Allahabad), 'state' (UP), 'country' (India), and 'pin code' (123456). An 'Order Now' button is located at the bottom left of the form.

Message Page:(Gives the user a form that allows them to convey their query to seller)



SAY SOMETHING!

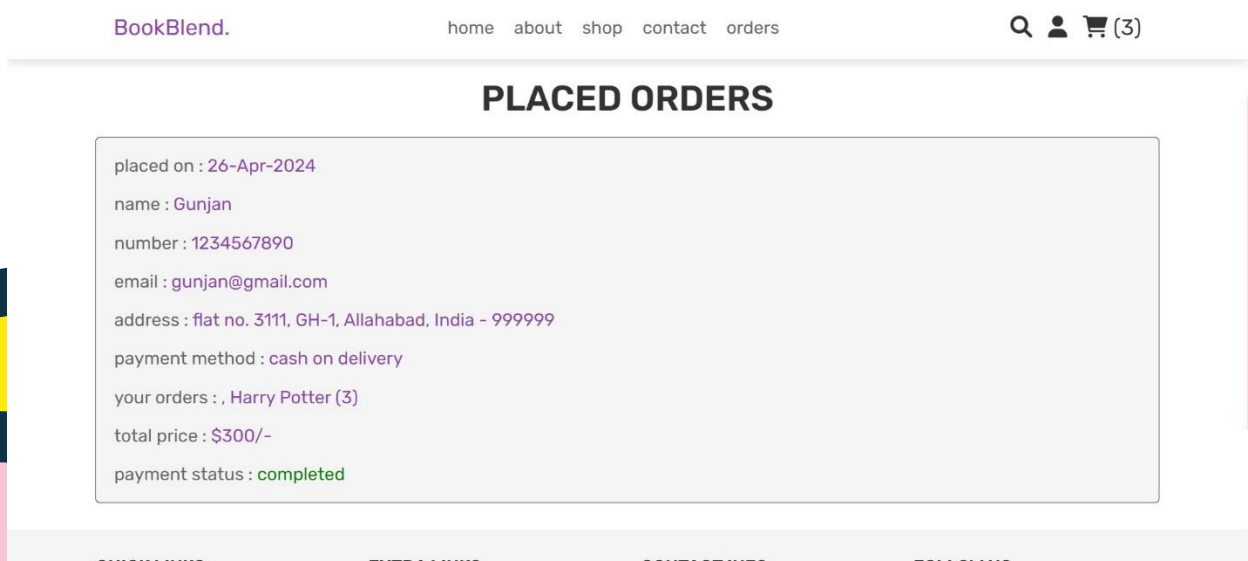
enter your name

enter your email

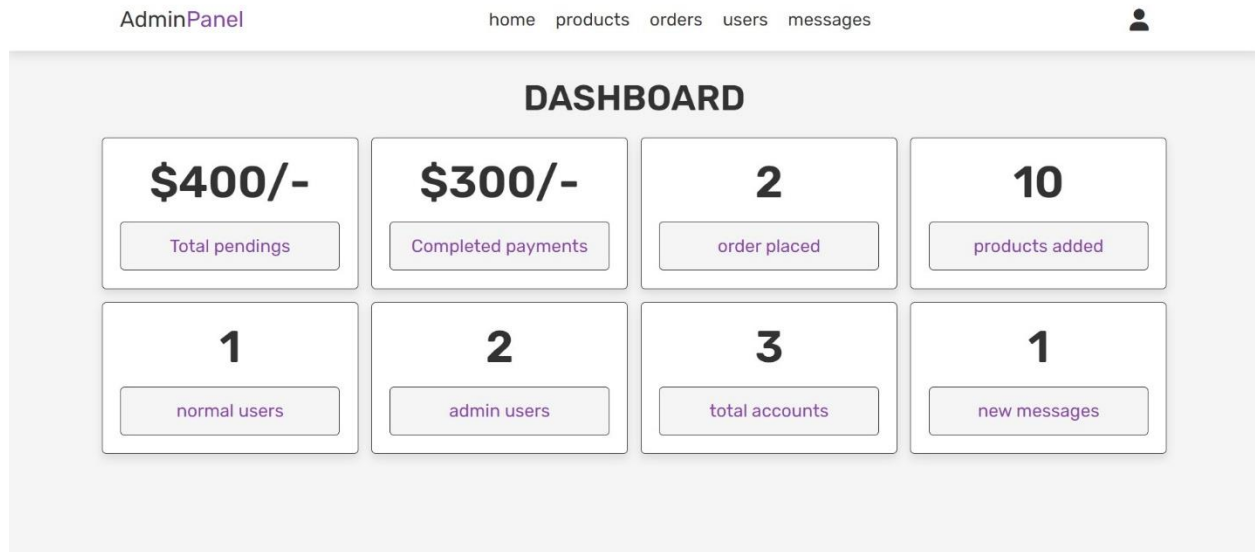
enter your number

enter your message

Order Details Page:



Admin Interface:



Contains all the stats about no. of orders, total accounts, messages, payments etc.

Add Products Page:

AdminPanel

home products orders users messages

SHOP PRODUCTS

ADD PRODUCT

enter product name

enter product price

Choose file

No file chosen

Add Product

J.K. ROWLING
Harry Potter

THE INTERNATIONAL BESTSELLER
Tiny Changes.
Remarkable Results

THE YELLOW
Wallpaper

Customer's Order Page:

AdminPanel

home products orders users messages

user id : 2
placed on : 26-Apr-2024
name : Gunjan
number : 1234567890
email : gunjan@gmail.com
address : flat no. 3111, GH-1,
Allahabad, India - 999999
total products : , Harry
Potter (3)
total price : \$300/-
payment method : cash on
delivery

completed

UpdateDelete

user id : 2
placed on : 26-Apr-2024
name : Shilpi
number : 1234567890
email : shilpi@gmail.com
address : flat no. 1, 11,
Allahabad, India - 123456
total products : , Atomic
Habits (1) , Exceptional C++
(1) , Yellow Wallpaper (1)
total price : \$400/-
payment method : cash on
delivery

pending

UpdateDelete

Messages:

AdminPanel

home products orders users messages

MESSAGES

user id : 2

name : Gunjan

number : 1234567890

email : gunjan@gmail.com

message : Please add books.

Delete Message

SQL Database:(consists of record of books)

phpMyAdmin

Current server:

MySQL

Recent

Favourites

New

information_schema

mysql

performance_schema

shop_db

- New
- cart
- message
- orders
- products
 - Columns
 - Indexes
- users

sys

Server: MySQL:3306 » Database: shop_db » Table: products

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Triggers

Showing rows 0 - 9 (10 total, Query took 0.0009 seconds.)

SELECT * FROM `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

Extra options

id

name

price

image

Edit

Copy

Delete

4

Harry Potter

100

81q77Q39nEL_AC_UF1000,1000_QL80_.jpg

Edit

Copy

Delete

5

Atomic Habits

200

whatsapp-image-2022-10-14-at-6-51-19-pm-2-jpeg.jpe...

Edit

Copy

Delete

6

Yellow Wallpaper

50

download (6).jpeg

Edit

Copy

Delete

7

Rich Dad Poor Dad

200

81BE7eeKzAL_AC_UF1000,1000_QL80_.jpg

Edit

Copy

Delete

8

Exceptional C++

150

download (7).jpeg

Edit

Copy

Delete

9

To Kill a Mockingbird

100

images.jpeg

Edit

Copy

Delete

10

Lord of the Rings

250

sm_f7e651-tolkien-lordoftherings.jpg

Edit

Copy

Delete

11

Shoot The Moon

200

1695773691-710vuqrbfhl-si1500-651373df6533f.jpg

Edit

Copy

Delete

13

One Piece

20

images (1).jpeg

Edit

Copy

Delete

14

The Invisible Man

300

invisibleman-1509049531-640x996.jpg

Check all

With selected:

Edit

Copy

Delete

Export

Console




Conclusion:


In conclusion, the development of the books buy-sell website has been a rewarding and educational experience

Throughout the project, we focused on delivering a user-friendly interface using HTML and CSS for layout and styling, complemented by JavaScript for client-side interactivity. JavaScript was instrumental in implementing features such as dynamic search functionality, interactive book listings, and user-friendly forms for adding and editing book details.

We utilized PHP to establish secure connections with the database, execute SQL queries for data retrieval and modification, and manage user sessions for enhanced security and personalization.

The integration of MySQL as the database management system enabled efficient storage and retrieval of book listings, user profiles, and transaction records. The relational database structure allowed for structured data organization and seamless data manipulation, ensuring optimal performance and scalability of the website.





Overall, this project has provided valuable insights into the full-stack development process, from frontend design to backend implementation and database management.

References:

The references of making this project are:

Some online websites such as: W3Schools, Geek for Geeks and some youtube videos;

THANKYOU



