

ONLINE  
BOOK STORE

# TEAM MEMBERS

1. Madhumitha .P
2. Meena .R
3. Bhumika .V
4. Monisha .B



# CONTEXT

---

- Abstract
- Introduction
- Project overview
- Feasibility Report
- Architecture
- ER Diagram
- Installation Process
- Project Structure
- Execution process
- Sample output
- Conclusion

# ABSTRACT

---

E-commerce is a web-based online bookstore project designed to provide a user-friendly platform for book enthusiasts to browse, search, and purchase books conveniently. The web application aims to bridge the gap between book lovers and suppliers, offering a vast collection of books across various genres.



# INTRODUCTION

Online Book Store is an online web application where a customer can purchase books online through a web browser. The main aim of this project is to create a website where a customer can visit and buy books online and have it delivered to his or her doorsteps.

# PROJECT OVERVIEW

---

An online book store is a web application that allows customers to buy books online. Customers can search for a book by title or author using a web browser, add it to their shopping cart, and then purchase it using a debit or credit card transaction. The user can login using his account details or new customers can set up an account very quickly. The user can contact bookstore by posting a query or suggestions.

# FEASIBILITY REPORT

---

## SOFTWARE SPECIFICATION

- OS – Windows 11
- Frontend – React, JavaScript
- Backend – Node.js , Express
- Database – Mongo DB
- Web Browser – Chrome, MS Edge

## HARDWARE SPECIFICATION

- Processor – Intel Core i3
- Storage – 256GB SSD
- Memory – 8GB RAM

# ARCHITECTURE

## FRONTEND

The front end of a website is everything the user either sees or interacts with when they visit the website.

- React
- JavaScript

### Frontend Usage in Online book store web application

Front-end users of an online bookstore are customers who use the site to consume books.

- Log in
- Search for books
- Add books to a shopping cart
- Place orders

## BACKEND

The backend is the data and infrastructure that make your application work.

- Node.js , Express
- Database – Mongo DB

### Backend Usage in Online book store web application

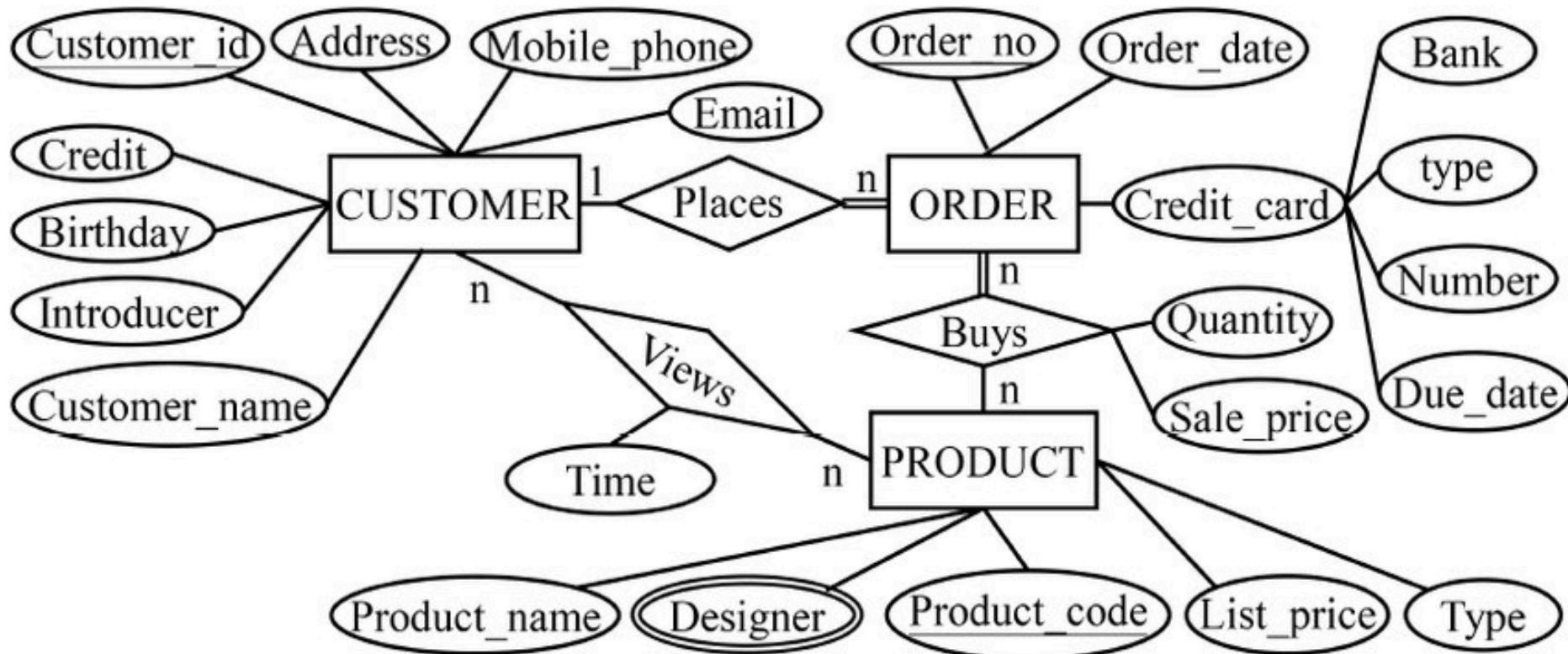
The back-end users of an online bookstore are the administrators who manage the store.

- Adding, editing, or removing book information
- Adding, editing, or removing book classifications
- Managing order information
- Responding to user comments
- Confirming orders



# ER DIAGRAM

---



# INSTALLATION PROCESS

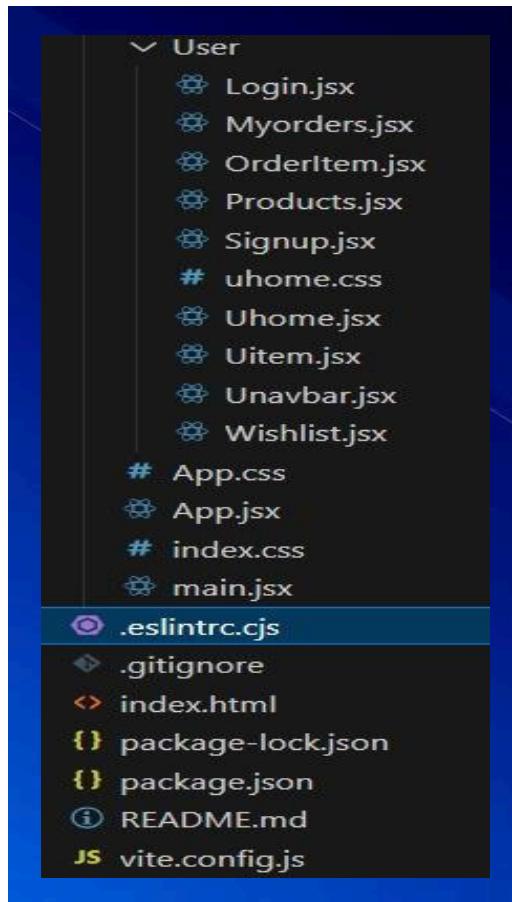
---

1. Clone the repository:
  - git clone link: <https://github.com/priya-dharshini143/NM-Book-Store.git>
2. Navigate to project directory :
  - cd backend
  - cd frontend
3. Install node.js dependencies:
  - node -v
  - npm -v
4. Setup environment variables:
  - DB\_URI= <mongodb+srv://pd4008208:RIYA143@cluster0.pqg7g.mongodb.net/?>
5. Start the application:
  - npm start - To run the Server
  - npm run dev - To run the Client
6. Verify setup:
  - Open browser or use postmantotestAPI

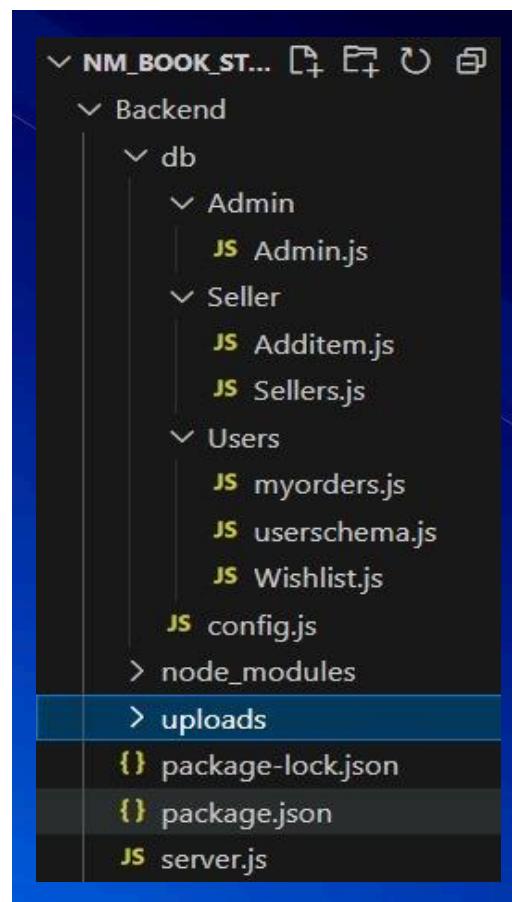


# PROJECT STRUCTURE

## FRONTEND



## BACKEND



# EXECUTION PROCESS

---

A screenshot of a terminal window within a dark-themed code editor interface. The tab bar at the top includes 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (which is underlined in blue), and 'PORTS'. The terminal output shows the following command sequence:

```
PS C:\Users\priyadharshini\Downloads\book_store_nm-main\NM_Book_Store_Webpage> cd frontend
PS C:\Users\priyadharshini\Downloads\book_store_nm-main\NM_Book_Store_Webpage\frontend> npm run dev

> frontend@0.0.0 dev
> vite

VITE v5.4.11 ready in 938 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h + enter to show help
```

A screenshot of a terminal window within a dark-themed code editor interface. The tab bar at the top includes 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (underlined in blue), and 'PORTS'. The terminal output shows the following command sequence:

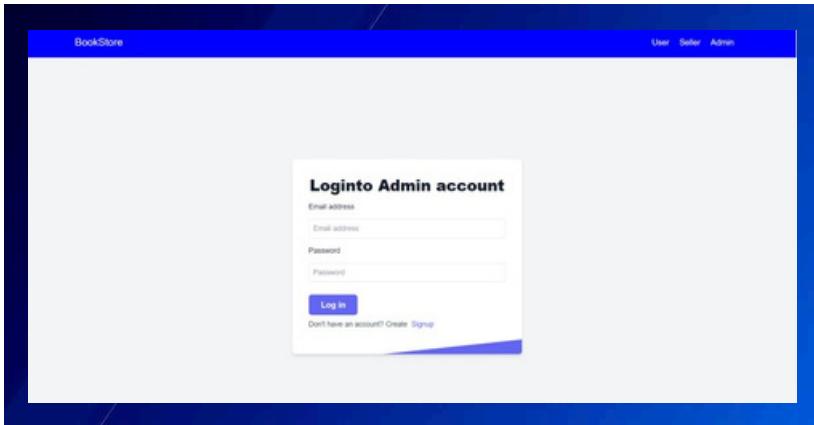
```
PS C:\Users\priyadharshini\Downloads\book_store_nm-main\NM_Book_Store_Webpage> cd backend
PS C:\Users\priyadharshini\Downloads\book_store_nm-main\NM_Book_Store_Webpage\backend> npm start

> backend@1.0.0 start
> nodemon server.js

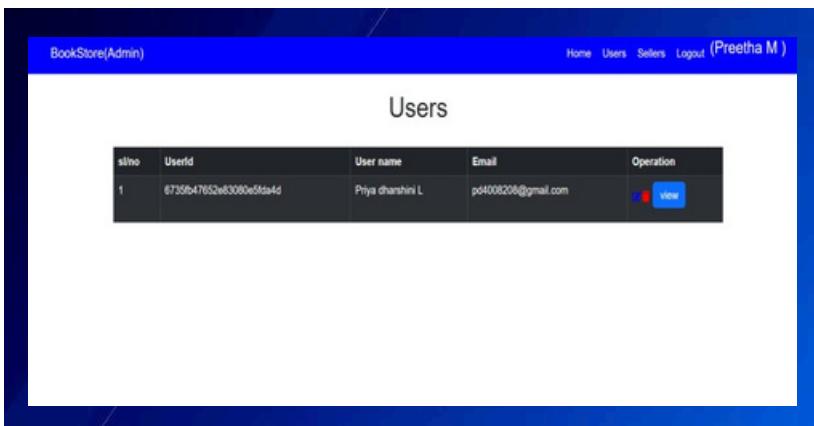
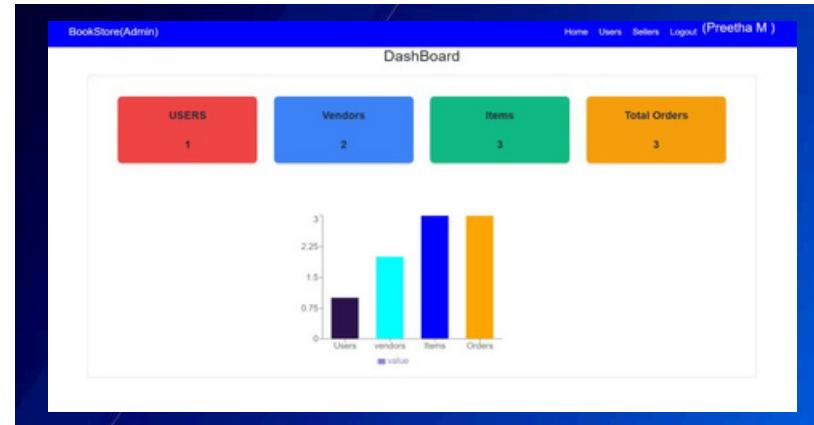
[nodemon] 3.0.1
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
server is running on 4000
```

# SAMPLE OUTPUT

## ADMIN

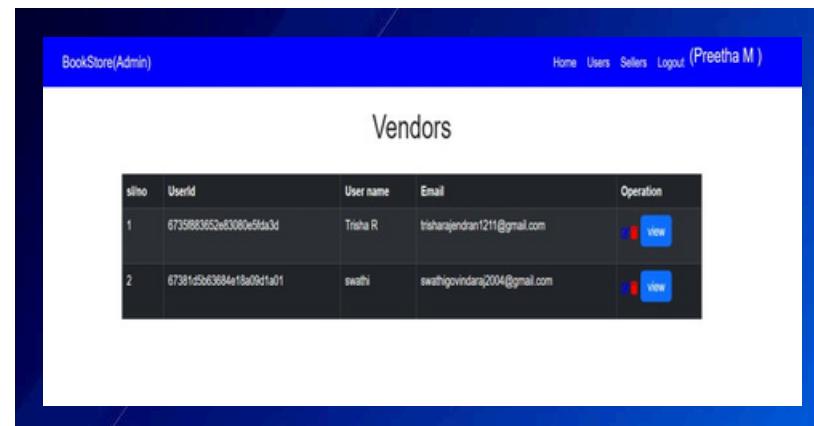


The screenshot shows the 'BookStore' application's admin login page. The title bar says 'BookStore' and has links for 'User', 'Seller', and 'Admin'. Below the title bar is a form titled 'Loginto Admin account' with fields for 'Email address' and 'Password', and a 'Login' button. At the bottom of the form is a link 'Don't have an account? Create'.



The screenshot shows the 'BookStore/Admin' users list. The title bar says 'BookStore/Admin' and has links for 'Home', 'Users', 'Sellers', and 'Logout'. The user 'Preetha M' is logged in. The page title is 'Users'. A table lists one user: silno 1, Userid 6735b47652e83080e5fa4d, User name Priya dhanshini L, Email pd400820@gmail.com, and Operation with a 'view' button.

silno	Userid	User name	Email	Operation
1	6735b47652e83080e5fa4d	Priya dhanshini L	pd400820@gmail.com	

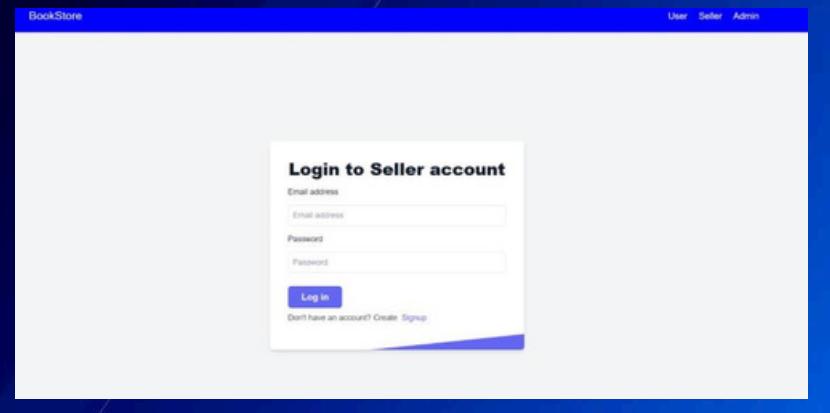


The screenshot shows the 'BookStore/Admin' vendors list. The title bar says 'BookStore/Admin' and has links for 'Home', 'Users', 'Sellers', and 'Logout'. The user 'Preetha M' is logged in. The page title is 'Vendors'. A table lists two vendors: silno 1, Userid 6735b47652e83080e5fa3d, User name Trisha R, Email trisharajendar121@gmail.com, and Operation with a 'view' button; silno 2, Userid 67381d563684e18a09fa01, User name swathi, Email swathigowinda204@gmail.com, and Operation with a 'view' button.

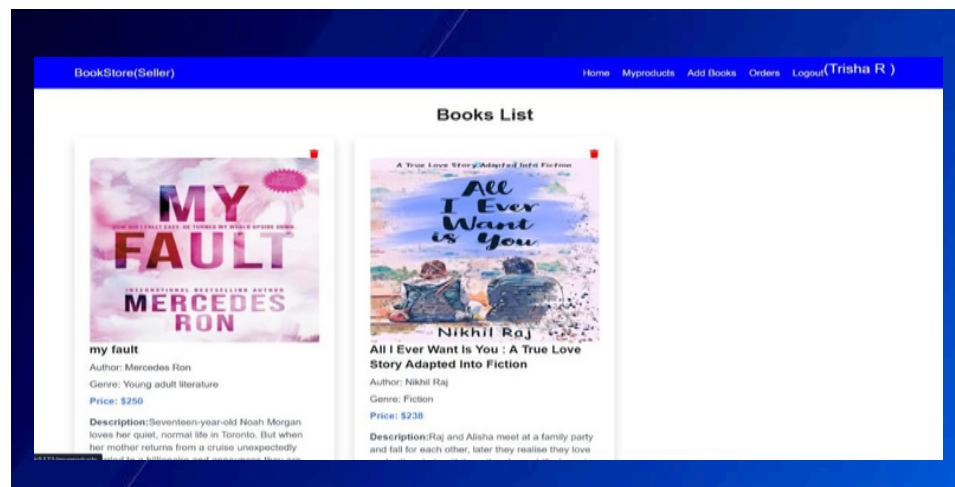
silno	Userid	User name	Email	Operation
1	6735b47652e83080e5fa3d	Trisha R	trisharajendar121@gmail.com	
2	67381d563684e18a09fa01	swathi	swathigowinda204@gmail.com	

# SELLER

---



The screenshot shows the 'BookStore' login interface for sellers. At the top, there are links for 'User', 'Seller', and 'Admin'. The main area is titled 'Login to Seller account' and contains fields for 'Email address' and 'Password', both with placeholder text. Below these is a blue 'Log in' button. At the bottom, a link says 'Don't have an account? Create Signup'.



BookStore(Seller)

Home Myproducts Add Books Orders Logout(Trisha R )

Add Furniture

Title:

Author:

Genre:

Price:

Description:

Item Image:  No file chosen

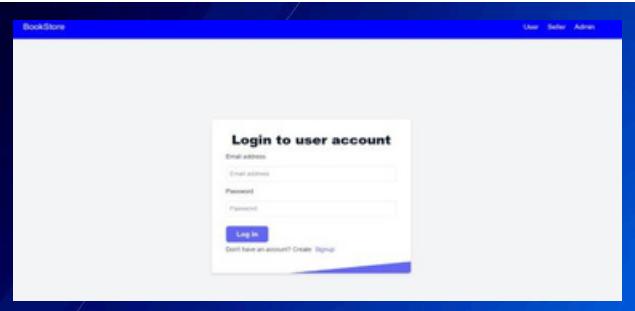
BookStore(Seller)

Home Myproducts Add Books Orders Logout(Trisha R )

## Orders

ProductName:	Orderid:	Customer Name	Address:	BookingDate	Delivery By	Warranty	Price	Status
	6735fc9b65	Priya dharsini L	24, xyz,(600145), tn.	14/11/2024	11/21/2024	1 year	349	ontheway

# USER



A screenshot of a "Top Recommendation" section on a BookStore website. It displays three book covers: "RICH DAD POOR DAD" by Robert Kiyosaki, "DON'T LET HER STAY" by Nicola Sanders, and "Killing the Witches" by Bill O'Reilly.

A screenshot of a "Top Recommendation" section featuring three book covers: "HARRY POTTER" by J.K. Rowling, "ELON MUSK" by Walter Isaacson, and "THE MOSQUITO" by Timothy C. Winegard. Below the books is a call-to-action button "Contact us".

A screenshot of a "Books List" section showing three book covers: "MY FAULT" by Mercedes Ron, "IT ENDS WITH US" by Colleen Hoover, and "All I Ever Want Is You" by Nishali Raj. Each book has its title, author, genre, price (\$20), and a "Add to Wishlist" button.

A screenshot of a "My Orders" section titled "BookStore". It lists two orders: one for "MY FAULT" by Mercedes Ron from seller Trisha R with address 24, xyz,(600145), tn., and another for "IT ENDS WITH US" by Colleen Hoover from seller swathi with address 10, xyz. The table includes columns for ProductName, Orderid, Address, Seller, BookingDate, Delivery By, Price, and Status.

# CONCLUSION

Online bookstores offer many advantages over brick-and-mortar bookstores, including convenience, selection, prices, delivery, customer service, and environmental friendliness.

thank  
you