

**A  
Project Report  
on  
Second Hand Book Buy and Sell Portal  
BTech-IT, Sem VI**

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## CANDIDATE'S DECLARATION

We declare that the 6<sup>th</sup>- semester report entitled “**Second hand Book buy and sell portal**” is our own work conducted under the supervision of the guide **Prof. Ravindra A. Vyas**

We further declare that to the best of our knowledge the report for B.Tech. VI semester does not contain part of the work which has been submitted either in this or any other university without proper citation.

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**CERTIFICATE**

This is to certify that the project carried out on the subject of System Design Practice, entitled “Second Hand Book Buy and Sell Website” and recorded in this report is a Bonafide report of work of

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A blend of gratitude, pleasure, and great satisfaction is what we feel to convey our indebtedness to all those who have directly or indirectly contributed towards the completion of the project.

with sincere regards,  
**Kakadiya Harshal**  
**& Jay Kantariya**

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## **ABSTRACT**

The second-hand book market is a growing industry, with many people interested in buying and selling used books. Online marketplaces for second-hand book sales have become increasingly popular in recent years due to their convenience and affordability.

This paper presents a portal for buying and selling second-hand books online. The portal offers an easy-to-use platform for users to browse through a large selection of books, list their own books for sale, and connect with potential buyers or sellers. The portal also offers features such as search filters, user ratings, and secure payment options to ensure a smooth and safe transaction process for all users.

The goal of the portal is to provide a centralized platform for second-hand book enthusiasts to connect and exchange books, ultimately creating a sustainable and affordable way to share knowledge and literature.

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# **1. INTRODUCTION**

## **1.1. Purpose**

The purpose of this online Used book buying and selling portal is to create a communication and user- friendly web portal for selling and buying Used books online.

## **1.2. Document Conventions**

This document follows MLA format. The bold-faced text has been used to emphasize section and sub-section headings. Italicized text is used to label and recognize diagrams.

## **1.3. Objective/Goals**

The main objective of online book buying and selling portals is to provide future users, particularly students, with a simple means of buying and selling books online. All of these tasks may be completed by users in a controlled and secure environment. It must be simple to use, browse, and locate books in a variety of categories in the used-eBook store. It must be simple to run, and the administrator must have no trouble managing the ordering and sales procedures.

## **1.4. Project Scope**

- Online Book Buying and Selling Portals carrying out the traditional selling process in an electronic form, using the internet. An object of the present invention to provide an electronic reselling system that reduces the amount of money spend, and at the same time, that identifies the real users who needs the book and have offered the contract price, and moreover, to gain revenue to the Original Book seller.
- Online stores are usually available 24 hours a day, and many consumers have Internet access both at work and at home.
- Searching or browsing an online catalogue can be faster than browsing the aisles of a physical store.

## **1.5. Environmental characteristics**

- Customers can get their book delivered instead of actually going and buying the book.
- An user can sell their second-hand books easily.
- Feasibility of making payment online itself.
- Managing of inventory of the books for user becomes easier as customers are not visiting and ordering it online.
- This system saves both time and travelling cost of customers.
- User can get to know different kinds of books that they were unaware of by just searching in the system using keywords.

## **2. PROJECT MANAGEMENT**

### **2.1 Feasibility Study**

#### **2.1.1. Technical feasibility**

Viewing our project from a technical point of view (thinking about various tools and technologies being used in developing the system). We have decided that the following technologies will be more than enough to develop a complete working system (including tech. & tools used for project tracking, monitoring, etc. along with development).

For web app development: VS Code

Database: Mongo database

We are equipped with basic workflows of each tool and tech. and capable to explore further if required. Each of the above technologies is freely available and some of the skills are yet to be learned but it is manageable. From this, it is clear that our project is technically feasible.

#### **2.1.2. Time schedule feasibility**

We have planned the steps for the completion of our project in the given duration. Firstly, We will perform requirement gathering & analysis by the start of January 2023. We will prepare the SRS document and the GUI design tentatively by January 2023 ending. The diagrams required for the design as well as the database design will be tentatively completed by February 2023. For coding and unit testing, 4 weeks and for system and integration testing another 2 weeks will be required. Hence tentatively by the end of March 2023. We will be able to complete the project and ready for its demonstration at starting of April 2023. Being a 2 members team, we will be able to complete our project in the estimated time.

#### **2.1.3. Economic feasibility**

This evaluation often includes a cost/benefit analysis of the project, which assists businesses in determining the viability, cost, and advantages of a project before allocating financial resources.

It also functions as an impartial project evaluation and enhances project credibility by assisting decision-makers in determining the positive economic advantages that the proposed project would give to the business.

#### **2.1.4. Implementation feasibility**

We will be working on developing a full Web application for the first time. So, we need to learn the basics of the MERN stack. Also, we need to learn how to connect our project with an online database MongoDB.

Since we are well aware of the basics of JavaScript, we just need to learn how to implement it according to our needs which will take around 2 or 3 weeks and be completed before starting implementation.

## **2.2. Project Planning**

### **2.2.1 Project Development Approach and Justification**

We would be using the Agile model for project development. Agile methods break tasks into smaller iterations or parts that do not directly involve long-term planning. The project scope and requirements are laid down at the beginning of the development process. Plans regarding the number of iterations, the duration, and the scope of each iteration are clearly defined in advance.

Following are the phases in the Agile model are as follows:

1. Requirements gathering
2. Design the requirements
3. Construction/ iteration
4. Testing/ Quality assurance
5. Deployment
6. Feedback



**Fig. Agile Model**

*Fig 2.2.1 Agile Model*

**Advantages of Agile model:**

- Customer satisfaction by rapid, continuous delivery of useful software.
- People and interactions are emphasized rather than processes and tools. Customers, developers, and testers constantly interact with each other.
- Working software is delivered frequently (weeks rather than months).
- face-to-face conversation is the best form of communication.
- Close, daily cooperation between business people and developers.
- Continuous attention to technical excellence and good design.
- Regular adaptation to changing circumstances.
- Even late changes in requirements are welcomed.

**Disadvantages of Agile model:**

- In case of some software deliverables, especially large ones, it is difficult to assess the effort required at the beginning of the software development life cycle.
- There is a lack of emphasis on necessary designing and documentation.
- The project can easily get taken off track if the customer representative is not clear what final outcome that they want.
- Only senior programmers are capable of taking the kind of decisions required during the development process. Hence it has no place for newbie programmers, unless combined with experienced resources

### 2.2.2. Project Plan

Task Name	Start	Finish	December				January				February				March			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Plan and Feasibility Study	25/12/2022	09/01/2023																
Requirement gathering	10/01/2023	31/01/2023																
Analysis	01/02/2023	07/02/2023																
Design	07/02/2023	28/02/2023																
Coding	1/03/2023	31/03/2023																
Testing	01/04/2023	14/04/2023																

Table 2.2.2

### 2.2.3. Roles and Responsibilities

Name	Analysis	Frontend	Backend	Testing	Report
Kakadiya Harshal	✓	✓	✓	✓	✓
Kantariya Jay	✓		✓	✓	✓

Table 2.2.3

### **3. SYSTEM REQUIREMENTS STUDY**

#### **3.1 Problems and Weaknesses of the Current System**

The following Problems exist in the current system,

- Currently, there are many companies providing this service but they are B2C. They don't have the functionality to add the user's own vehicle to put it on rent.
- And they also charge high commission and processing fees which turns into a high amount of commission for the buy and sell book.
- the above-mentioned are some problems that must be kept in mind while building the website. Some other problems concern all the apps in general like data redundancy, keeping secured data & transactions, concurrency etc.

#### **3.2 User Characteristics (Type of users who are dealing with the system)**

There are 2 types of users in the system required:

User:

- Registration
- Login
- Search Books
- View Books
- Buy Books
- Add Books
- Update Books

Admin:

- Registration
- Login
- Search Books
- View Books
- Buy Books
- Add Books
- Update Books
- Delete Listed Books
- Delete Users

### 3.3 Hardware and Software Requirements (minimum requirements to run your system)

There are no such specific hardware requirements other than basic requirements such as a computer with good internet connectivity and a decent browser that supports React & JavaScript.

Hardware: -

- System: Intel Core i3.
- Hard Disk: 120 GB.
- Monitor: 15'' LED
- Input Devices: Keyboard, Mouse
- Ram: 4 GB

Software: -

- Operating System: Windows Operating System 2000 and Above and Linux
- Visual Studio Code, Google Collab
- MERN stack, Python model
- Mongo database
- Cloudinary for photo storage

**Mongo database:** MongoDB is a Cloud-hosted, NoSQL database that uses a document model. It can be horizontally scaled while letting you store and synchronize data in real time among users.

**Visual Studio Code:** Visual Studio Code is the Integrated Development Environment (IDE) for Web app development.

**Cloudinary:** Cloudinary is a cloud-based photo storage service. We have used it as a storage of users and event posters.

### 3.4 Constraints

#### 3.4.1 Hardware Limitations

- o There is only one limitation of this web app, the device must have a browser.

#### 3.4.2 Reliability Requirements

- o The web app does demand much reliability and it is fully assured that the particular information about the users should be secured and flow is maintained and accessed according to the rights.

### 3.5 Assumptions and Dependencies

- 1) Users have sufficient privileges to access the internet.
- 2) browser on the Device is running smoothly.
- 3) Database updates are giving expected and accurate results.



## **4. SYSTEM ANALYSIS**

### **4.1 Requirements of New System (SRS)**

#### **4.1.1 User Requirement**

- A. Student
- B. Faculty

##### **1. User: -**

- Registration: User need to register first with their basic registration details and nee to create a valid login id and password.
- Login: Using valid login credentials, user need to login into the system in order to access the system.
- Search Books: When user is logged into the, he/she search a book and in result got a related book according there book title, author and edition.
- View Books: Once user is logged into the, he/she may view all the added books with their details.
- Buy Books: User can surf various book of their choice and buy them.
- Add Books: System allows user to sell their books online buy added the book name and its details.
- Upload Books: User need to upload a book if he/she wants to sell a book.

##### **2. Admin: -**

- Registration: Admin need to register first with their basic registration details and nee to create a valid login id and password.
- Login: Using valid login credentials, user need to login into the system in order to access the system.
- Search Books: When user is logged into the, he/she search a book and in result got a related book according there book title, author and edition.
- View Books: Once admin is logged into the, he/she may view all the added books with their details.
- Buy Books: Admin can surf various book of their choice and buy them.
- Add Books: System allows Admin to sell their books online buy added the book name and its details.
- Upload Books: Admin need to upload a book if he/she wants to sell a book.
- Delete Books: Admin can delete not useful book.
- Delete Listed User: Admin can delete user.

## 4.1.2 System Requirements

### 1. Functional requirements

- **Registration:**
  - Input:** - User enter own username and password and confirm password.
  - Output:** - Confirmation of registration status and will be redirected to appropriate page of the application.
  - Description:** - User need to register first with their basic registration details and need to create a valid login id and password.
- **Login:**
  - Input:** - User details including the username and the password.
  - Output:** - User will be redirected to appropriate page of the application if and only if all the credentials are valid.
  - Description:** - Using valid login credentials, user need to login into the system in order to access the system.
- **Search Books:**
  - Input:** - User can enter a book for search a book.
  - Output:** - User will be get relevant book.
  - Description:** - When user is logged into the, he/she search a book and in result got a related book according their book title, author and edition.
- **View Books:**
  - Input:** - User can enter a book for view a book.
  - Output:** - User will able to show book information.
  - Description:** - Once user is logged into the, he/she may view all the added books with their details.
- **Buy Books:**
  - Input:** - User enter a book name.
  - Output:** - User can buy that book easily.
  - Description:** - User can surf various book of their choice and buy them.
- **Add Books:**
  - Input:** - User enter a book details like book name, book author, price and edition etc.
  - Output:** - User book details will be added in database.
  - Description:** - System allows user to sell their books online buy added the book name and its details.
- **Update Books:**
  - Input:** - User enter book details that will be update for a book.
  - Output:** - User book details will be updated
  - Description:** - User need to upload a book if he/she wants to sell a book.

### 3.2 Admin:-

- **Login:**  
**Input:-** Admin details including the username and the password.  
**Output:-** Admin will be redirected to appropriate page of the application if and only if all the credentials are valid.  
**Description:-** Using valid login credentials, admin need to login into the system in order to access the system.
- **View Books:**  
**Input:-** Admin details including the username and the password.  
**Output:-** Admin will be redirected to appropriate page of the application if and only if all the credentials are valid.  
**Description:-** Admin can view all the added books online with their details.
- **View User:**  
**Input:-** Admin details including the username and the password.  
**Output:-** Admin will be redirected to appropriate page of the application if and only if all the credentials are valid.  
**Description:-** All the registered user details will be displayed to the Admin.
- **Search Books:**  
**Input:** - Admin can enter a book for search a book.  
**Output:** - Admin will be get relevant book.  
**Description:** - When user is logged into the, he/she search a book and in result got a related book according their book title, author and edition.
- **Delete Books:**  
**Input:-** Admin can enter a book.  
**Output:-**Admin get message book delete successfully.  
**Description:** - Admin delete not useful books.
- **Buy Books:**  
**Input:** - Admin enter a book name.  
**Output:** - Admin can buy that book easily.  
**Description:** - Admin can surf various book of their choice and buy them.
- **Add Books:**  
**Input:** - Admin enter a book details like book name, book author, price and edition etc.  
**Output:** - Admin book details will be added in database.  
**Description:** - Admin allows user to sell their books online buy added the book name and its details.
- **Update Books:**  
**Input:-** Admin enter book details that will be update for a book.  
**Output:-** Admin book details will be updated  
**Description:-** Admin need to upload a book if he/she wants to sell a book.
- **Delete Users:**  
**Input:-** Admin enter user name.  
**Output** Admin get message user delete successfully.  
**Description:-** Admin can delete ford user.

## **2 Non-Functional Requirements**

### **2.1 Usability:**

- The portal should have a simple and intuitive navigation system that allows users to easily find what they are looking for.
- Each book listing should have clear and detailed information about the book's condition, edition, author, and any other relevant details.

### **2.2 Reliability:**

- The portal should have measures in place to ensure that the books being sold are authentic and accurately described.
- Users should be able to leave reviews and ratings for sellers and buyers, which can help to build trust and credibility within the community.

### **2.3 Performance:**

- The portal should be able to handle a growing number of users and book listings without sacrificing performance.
- The portal should be secure and protected from threats such as hacking, malware, and phishing attacks.

### **2.4 Safety Requirements:**

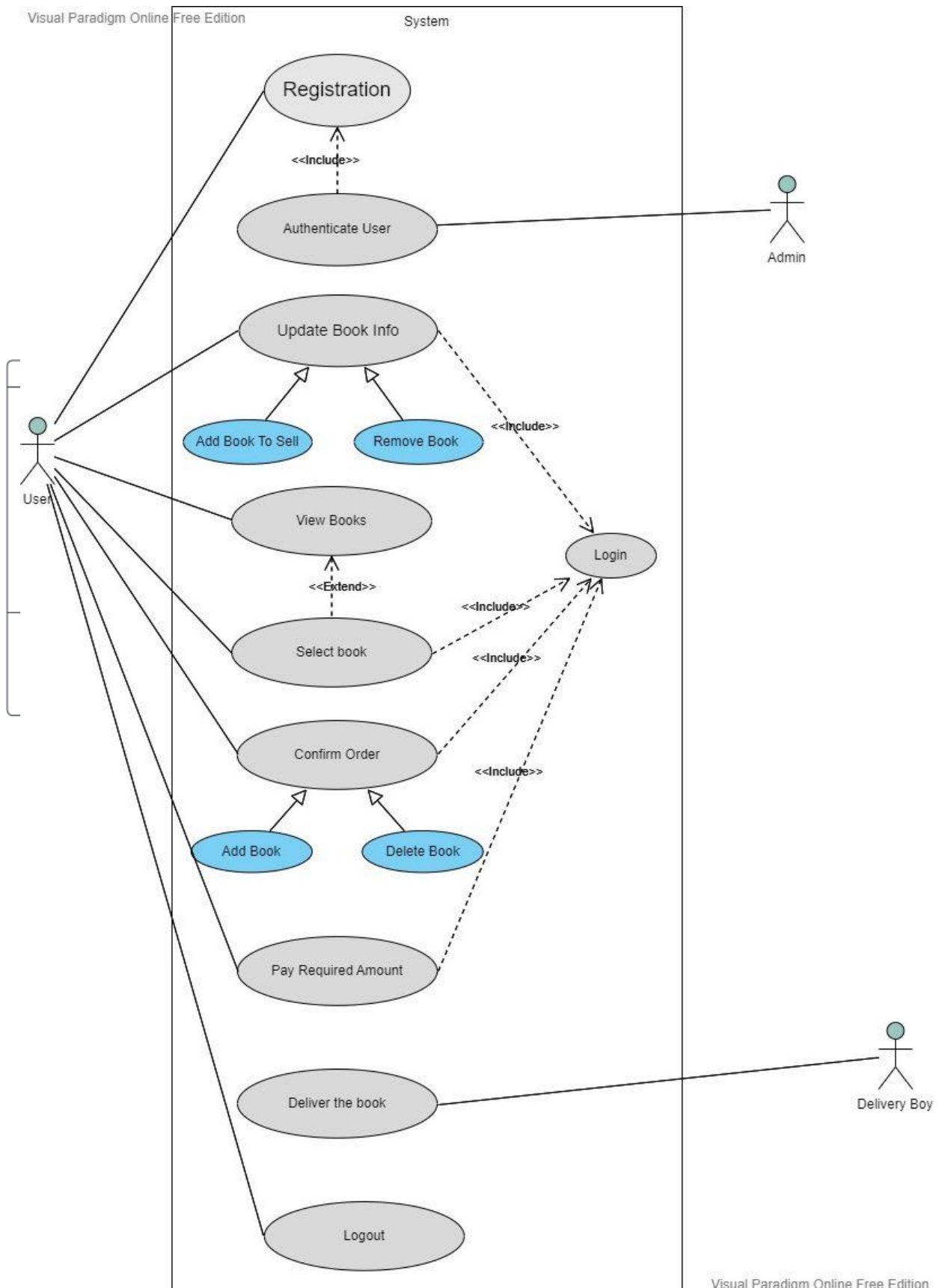
- The portal should require users to verify their identity before they can buy or sell books. This can include requiring users to provide their name, address, and payment information, and verifying this information through a third-party service or manual review process.

### **2.5 Security Requirements:**

- The portal can require users to verify their identity through two-factor authentication, such as a text message or app-based authentication code, in addition to a username and password.
- The portal can use SSL encryption to protect user data and transactions, ensuring that all communication between the user's device and the portal is secure.

## 5. System Design

### 5.1. Use Case Diagram



5.3. Sequence Diagram

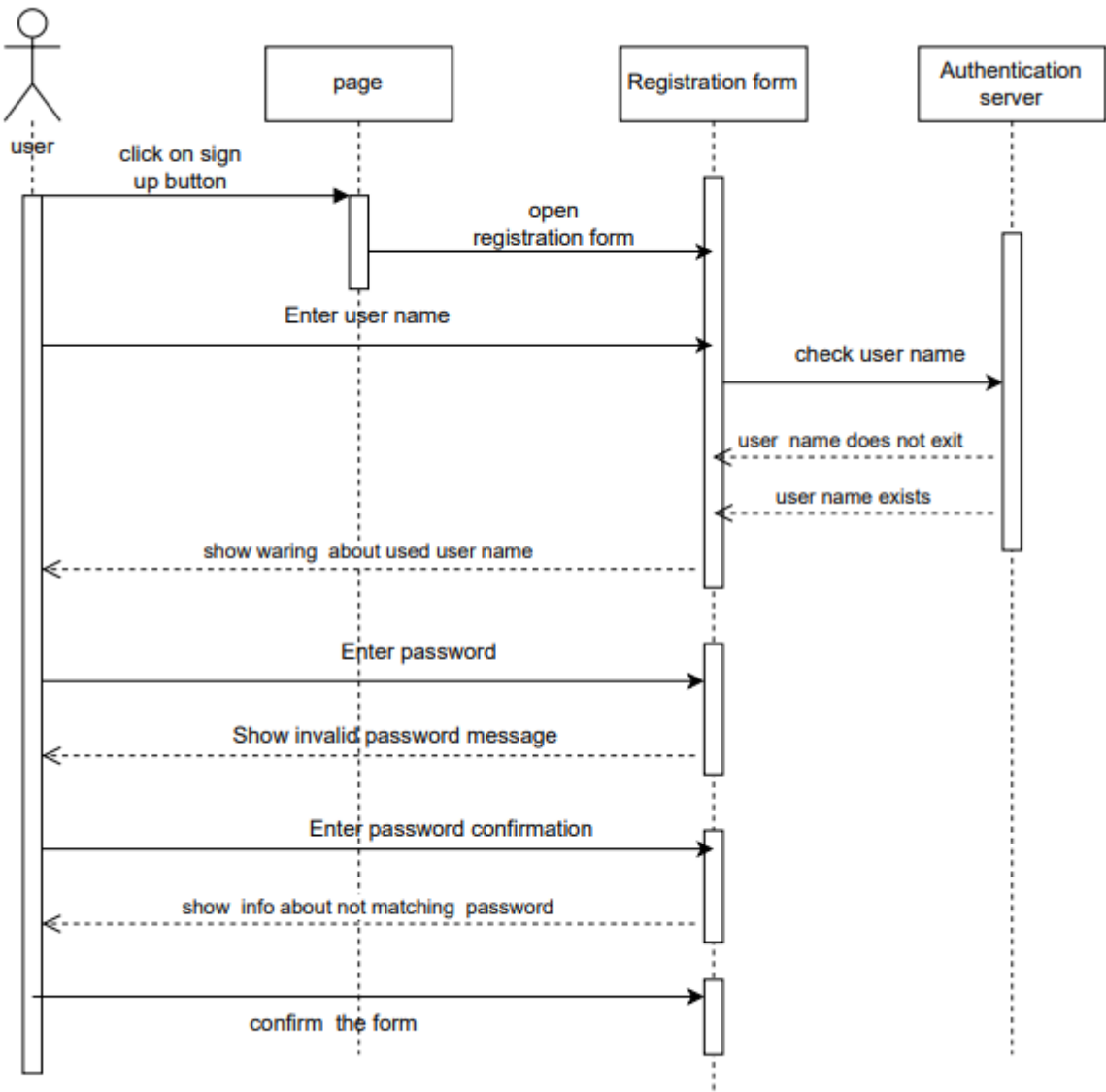


Fig 5.3(a)

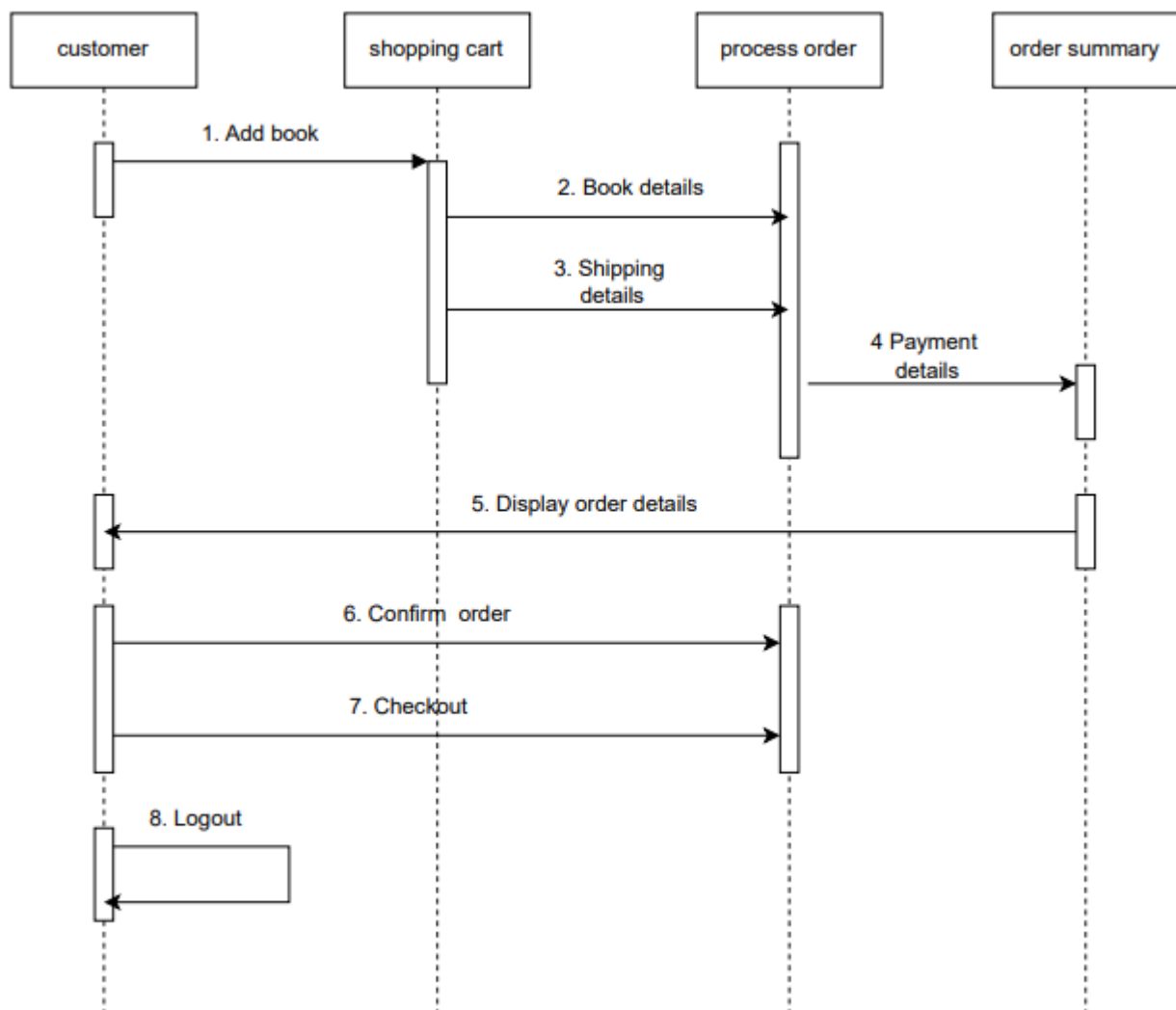
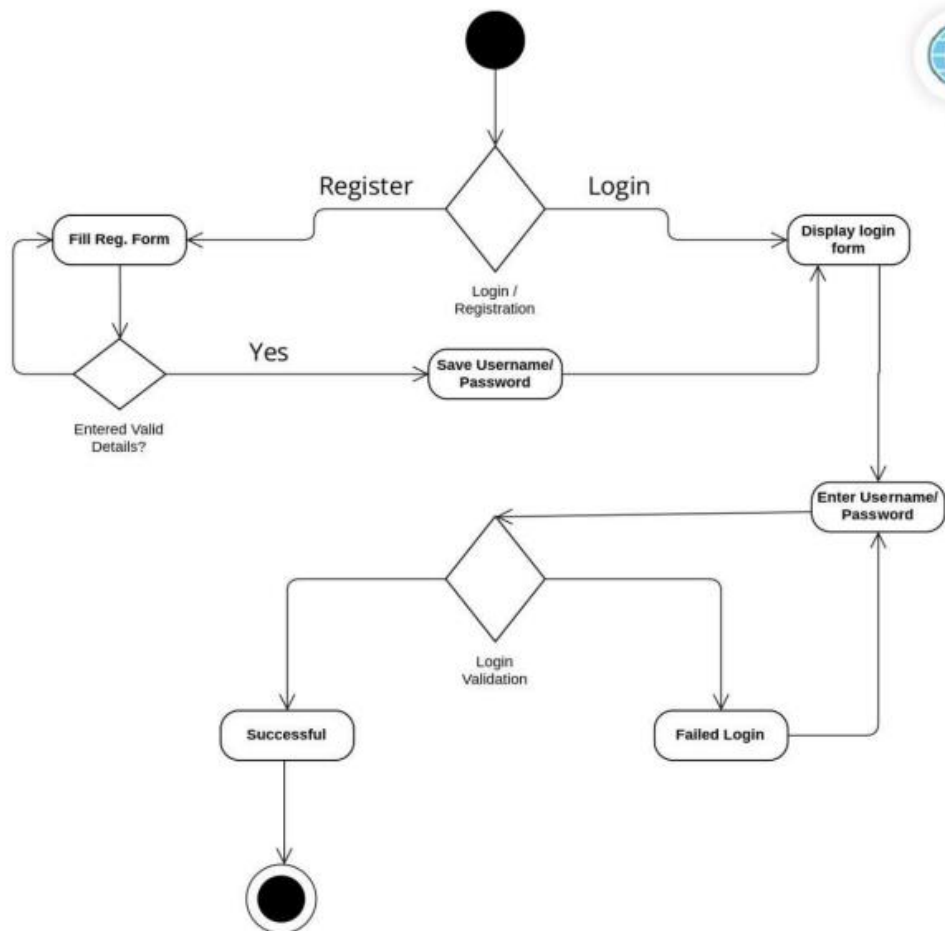


Fig 5.3(b)

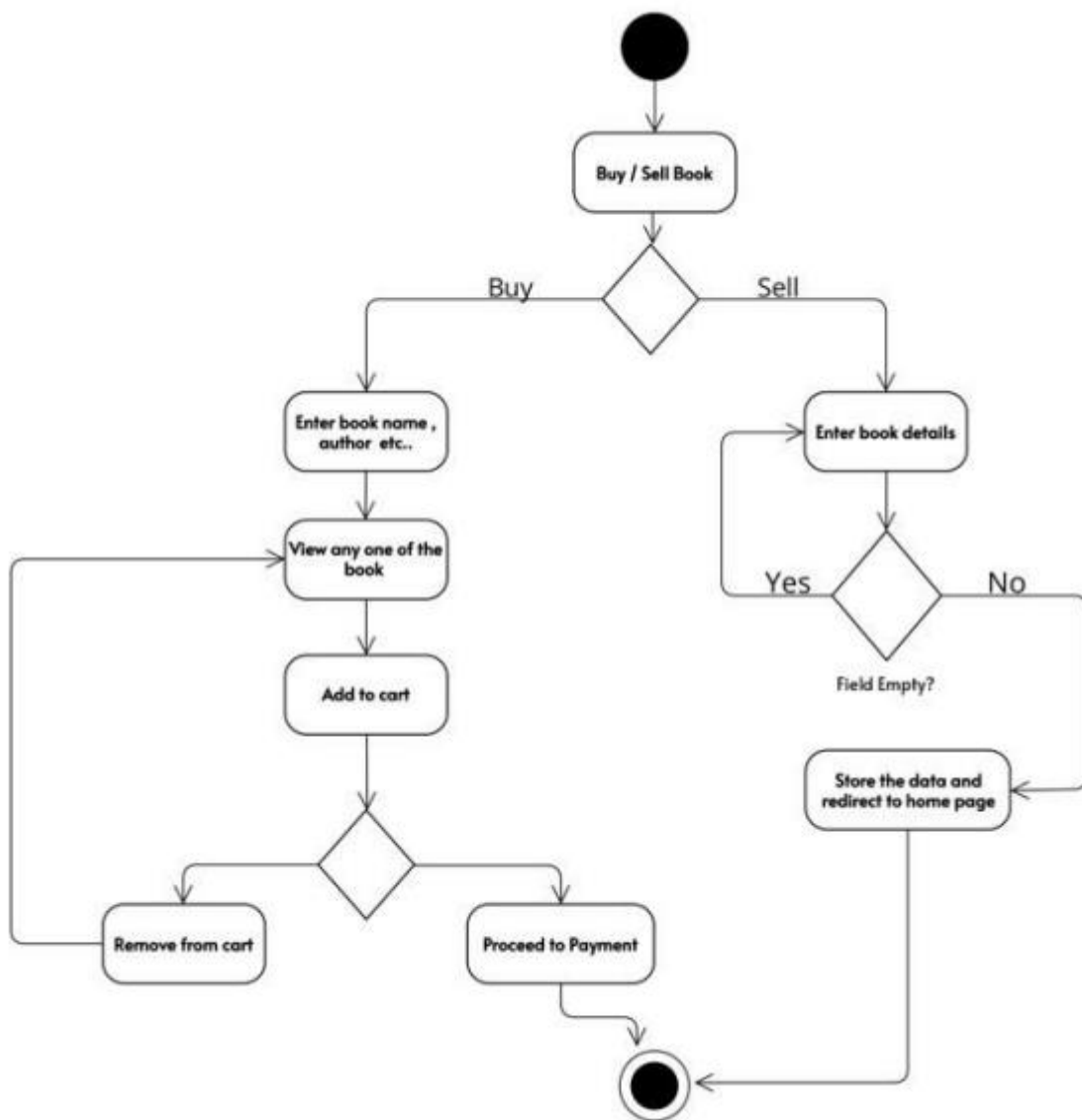
## 5.4.Activity Diagram



(User Registration Activity Diagram)

Fig 5.4(a)





(Buy and sell book Activity Diagram )

Fig 5.4 ( b )

## 6. IMPLEMENTATION PLANNING

### 6.1 Implementation Environment (Single vs Multi-User, GUI vs Non-GUI)

For the implementation, we have used: Visual Studio Code

Our project is built using Visual Studio Code seeing that it is a web application we saw fit that Visual studio code provided us with all the required basis for the successful implementation of our web app. Also, for storing our data we have usedMongo database which enables our web app to run at all times.

### 6.2 Program/Modules Specification

The following Modules are implemented:

- User
  - Manage Profile
  - Buy Book
  - Sell Boom
  - Search Book
  - Delete Book
- Admin
  - Verify User
  - Verify Book
  - Control all System
  - Manage Profile

## 6.3 Coding Standards

To make the system coding easy, easy to remember, and reduce the chances of errors, some techniques are used at the time of coding of the application which is called coding standard. The coding standard which we adopted during the coding is explained as follows:

- Each nested block should be properly indented and spaced.
- The code should be properly commented on for understanding easily. Comments regarding the statements increase the understandability of the code.
- Better to avoid the use of digits in variable names.
- The names of the function should be written in camel case starting with small letters.
- The name of the function must describe the reason for using the function clearly and briefly.

## **7. TESTING**

### **7.1 Testing Plan**

The testing technique that is going to be used in the project is White box testing. In White box testing the Tester knows the internal structure of the code or the program of the software.

### **7.2 Testing Strategy**

The development process repeats this testing subprocess several times for the following phases.

- a) Unit Testing.
- b) Integration Testing

Unit Testing tests a unit of code (module or program) after the coding of that unit is completed.

Integration Testing tests whether the various programs that make up a system, interface with each other as desired, fit together and whether the interfaces between the programs are correct.

Testing is carried out in such a hierarchical manner to ensure that each component is correct and the assembly/combination of components is correct. Merely testing a whole system at the end would most likely throw up errors in components that would be very costly to trace and fix.

### **7.3 Testing Methods**

Black Box and White Box Testing:

In black-box testing, a software item is viewed as a black box, without knowledge of its internal structure or behavior. Possible input conditions, based on the specifications (and possible sequences of input conditions), are presented as test cases.

In white-box testing knowledge of internal structure and logic is exploited. Test cases are presented such that possible paths of control flow through the software item are traced. Hence more defects than black-box testing are likely to be found.

Out of the 2 methods for testing, black box testing and white box testing, we would be using the white box testing as we are well aware of the internal functionalities of our application unlike the black box testing, where we require a 3rd party to test our cases and the internal details are hidden from him.

## 7.4 Test Cases

### 1 User

Entity	Test Case	Expected Output	Actual Output	Result
Registration of User	Validation	Successfully Registered	Successfully Registered	Pass
Login of User	Validation	Login Successful	Login Successful	Pass
Update Password	Validation	Password Update Successfully	Password Update Successfully	Pass
Profile	View Profile	View Profile Details Successful	View Profile Details Successful	Pass
Update Profile	Validation	Update Profile Successful	Update Profile Successful	Pass
Add Book	Add Book details and upload the image	Book Added Successfully	Book Added Successfully	Pass
Update Book	Update Book details	Book Details Updated Successfully	Book Details Updated Successfully	Pass
Delete Book	Validation	Book Deleted Successfully	Book Deleted Successfully	Pass

View Book	View available Book	Available Book shown successfully	Available Book shown successfully	Pass
Create Review	Add Review	Add Review Successfully	Add Review Successfully	Pass
View Review	View Review	Review shown successfully	Review shown successfully	Pass
Update Review	Update Review	Review Updated Successfully	Review Updated Successfully	Pass
Delete Review	Validation	Review Deleted Successfully	Review Deleted Successfully	Pass
User Logout	Logout	Logout successfully	Logout successfully	Pass

*Table 7.4.1 User Test Cases*

## 2 Admin

Entity	Test Case	Expected Output	Actual Output	Result
Registration of Admin	Validation	Successfully Registered	Successfully Registered	Pass
Login of Admin	Validation	Login Successful	Login Successful	Pass
Update Password	Validation	Password Update Successfully	Password Update Successfully	Pass
Profile	View Profile	View Profile Details Successful	View Profile Details Successful	Pass
Update Profile	Validation	Update Profile Successful	Update Profile Successful	Pass
Delete User	Validation	Delete User successfully	Delete User successfully	Pass
Search Book	Validation	Book Details	Book details	pass
Add book	Add Book detailsand upload the image	Book Added Successfully	Book Added Successfully	Pass
Delete Book	Validation	Delete Book Successfully	Delete Book Successfully	Pass

Table 7.4.2 Admin Test Cases

## 8. USER MANUAL

User Manuals are manuals that enable the user of a system or application to understand the working of the system and help them to use them efficiently. It is usually written by a technical writer, although user guides are written by programmers, product or project managers, or other technical staff, particularly in smaller companies.

Follow below mentioned steps to work with the app:

### Home Page:

- From the Home page, you can only see the Post Related Book.
- You can Register Yourself.
- Login with your registered email.

---

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Search Products...

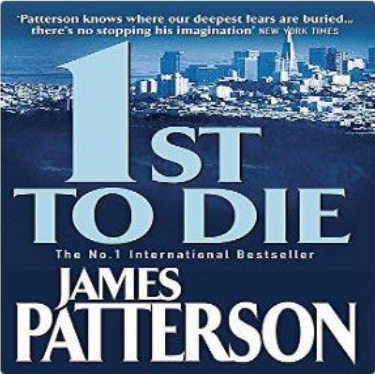
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Sign In About Us

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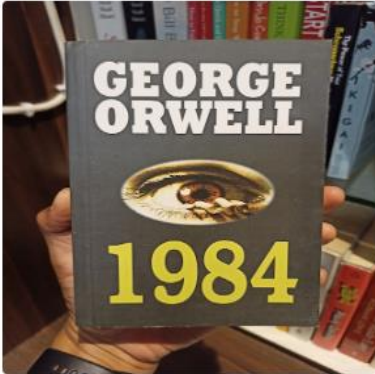
Books On Sale

+ ADD BOOKS




1st to die: a novel

Rs 100



1984

Rs 99



animal farm

Rs 99




## Registration:

- Users And Admins can register themselves by clicking on the register button.
- The user has to fill up the form and click the register button.
- After that user is registered to the system and a profile is created.

**NovelNexus**

Search Products...

SEARCH

 [Sign In](#) [About Us](#)

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## SIGN UP

**Name**

Enter Name

**Email Address** \*Be sure to enter your valid email address

Enter Email

**Address**

Enter Address

**Mobile No** \* Be sure to enter a correct 10 digit number starting with 9

Enter Mobile No

**Password**

Enter password

**Confirm Password**

Confirm Password

REGISTER

Already Have an Account? 

Login

## Login:

- You would just have to be registered once else you will be simply logged into the app
- Once you fill in the required credentials you will be redirected to your Profile page.
- From the login page if the User can log in it will be redirected to the User side panel or others will be redirected to the Admin side panel.

## SIGN IN

Email Address

Enter email

Password

Enter password

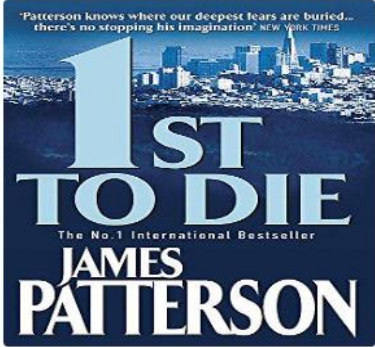
New Customer?

**View Book:**

- User can see the Book.

Books On Sale

+ ADD BOOKS



1st to die: a novel

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1984

Rs 99



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Rs 99

## Sell Book:

- For sell a book user need to fill this form. In this form give information about book.
- So, Book details add successfully added in database.

### Upload Your Property

Name of the property

Enter what product do you have

Image \*Upload Image only

Choose File

Browse

Category

Enter category like: electronics, books, Furniture..

Describe your property

Enter description

How long is your product for sale?

dd-mm-yyyy



Price

0

☐ Is the price Negotiable?

Shipping Address

Enter where can you deliver

Shipping Charge

Enter how much will you charge for shipping

UPLOAD YOUR PROPERTY

## Search Book:

- For search a book user need to give a book name and click on search button.

NovelNexus

1984

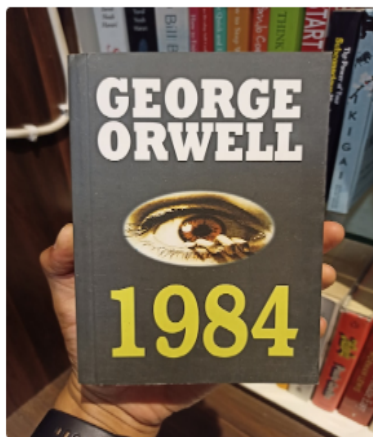
SEARCH

Signed in as kantariya jay ▾ About Us

GO BACK

Books On Sale

+ ADD BOOKS

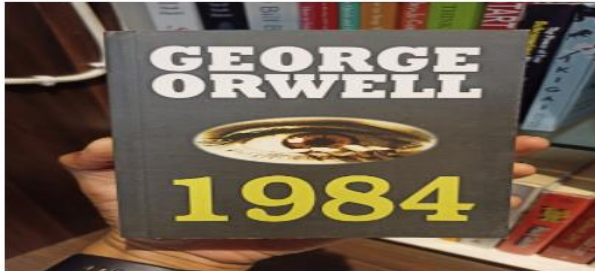


1984

Rs 99

## Get Details of Book:

- User get details about book and also get recommended book.



General Details	
Product Id:	64227194b117df32dc6bd1ad
Posted On:	2023-03-28
Expires On:	2023-04-27
Product:	1984

Seller Details	
Name:	Harshal
Email:	<a href="#">Send Email</a>
Address:	kailash bag
Phone:	9909335408 <span>unverified</span>

Pricing Details	
Total Price:	Rs 99

Description	
Content of this book is based on horror	

Delivery Information	
Delivery Area:	kailash bag
Delivery Charge:	Rs 28

Recommended Books			
Book Name :- <a href="#">animal farm</a>	Book Name :- <a href="#">the handmaid's tale</a>	Book Name :- <a href="#">brave new world</a>	Book Name :- <a href="#">the vampire lestat (vampire chronicles, book ii)</a>
Book Author :- George Orwell	Book Author :- Margaret Atwood	Book Author :- Aldous Huxley	Book Author :- ANNE RICE

### Buyer's Speak

Q. Nice book --Posted By Rushi Patel on 2023-03-28

Q. yes --Posted By kantariya jay on 2023-03-30



Post Your Speak


**Buy Book:**

User click on send mail. and mail send to book owner

You have a buyer

Inbox x








education30052002@gmail.com

via sendgrid.net

to me


12:10 (5 hours ago)




One of the KinBechSaman.com user wants to buy your animal farm.

His/Her name is Parth Patel and is a resident of Vrindavan society .His/Her email is: [patelharshal29102002@gmail.com](mailto:patelharshal29102002@gmail.com) and registered contact no is: 9906552436.

He/She says: hi

 Reply

 Forward

**View Profile**

**Details**

Name

kantariya jay

Email Address *\*Be sure to enter your valid email address*

jay05kantariya@gmail.com

Address

Tirupati socity 1,nadiad

Mobile No *\* Be sure to enter a correct 10 digit number starting with 9*

9099845468

Password

Enter password

Confirm Password

Confirm Password

UPDATE PROFILE

**My Uploads**

SN	ID	Product Name	Category	Price	Negotiable	
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## About page:

### Who are We?


We are third-year IT students at DDIT University. While we are not professionals, we created this website to allow anyone to sell a used book that could help someone else.

#### Developer

This website was designed and developed by Kakadiya Harshal and Jay Kantariya.

#### Contact Details

 9909335856

 patelharshal@gmail.com



**Logout page:**

NovelNexus

Search Products...

SEARCH

Signed in as kantariya jay ▾

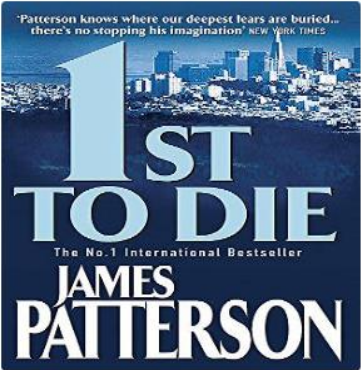
About Us

Profile

Logout

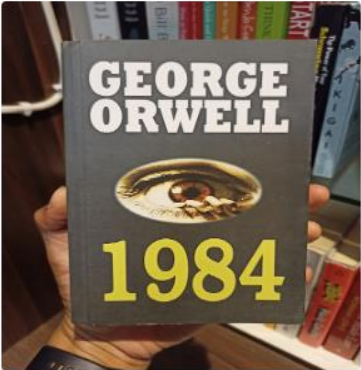
Books On Sale

+ ADD BOOKS



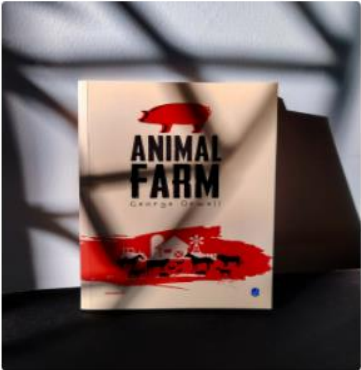
1st to die: a novel

Rs 100



1984

Rs 99




animal farm

Rs 99

Admin view Book:

Products

SN	ID	NAME	PRICE	CATEGORY	OWNER	CREATED ON	
1	642807c5b0fdb42bbc0dd233	beach house	Rs 199	novel	kantariya jay	2023-04-01	 
2	64228a58ac98f12d14666701	1st to die: a novel	Rs 100	books	Rushi Patel	2023-03-28	 
3	64227194b117df32dc6bd1ad	1984	Rs 99	books	Harshal	2023-03-28	 
4	6422712fb117df32dc6bd1a3	animal farm	Rs 99	books	Harshal	2023-03-28	 

Admin view Registered User:

Users

SN	ID	NAME	EMAIL	PHONE	ADDRESS	ADMIN	
1	642270f5b117df32dc6bd19d	Harshal	kakadiyaharshal134@gmail.com	9909335408	kailash bag	✖	<div><div></div><div></div></div>
2	64227208b117df32dc6bd1b5	Parth Patel	patelharshal29102002@gmail.com	9906552436	Vrindavan society	✖	<div><div></div><div></div></div>
3	642593149d756606741b2c62	kantariya jay	jay05kantariya@gmail.com	9099845468	Tirupati socity 1,nadiad	✖	<div><div></div><div></div></div>
4	6425c1a3c3969d12b4c7d61a	Kakadiya Harshal Admin	20ituos064@ddu.ac.in	9990004567	Ankleshwar	✔	<div><div></div><div></div></div>

## **9. LIMITATION AND FUTURE ENHANCEMENT**

### **9.1. Limitation**

- Misbehavior of User can happen sometimes.
- Server is always available for scheduling mail.

### **9.2. Future Enhancement**

- Mobile app: Developing a mobile app for the portal would enable users to buy and sell books on-the-go, and provide a more seamless and convenient experience.
- Local pickup and delivery: Offering the option for local pickup or delivery could expand the reach of the portal and make it more convenient for buyers and sellers.

## **10.CONCLUSION AND DISCUSSION**

### **10.1 Conclusion**

According to us, this project gave all of us the confidence to believe in ourselves and a great experience of how to work as a team. It also boosted our requirement gathering, system analysis, designing aspects, technical coding as well as time management skills.

Also, we learned how to work together as a team & collaborate for making ends meet for our web app. We also got an insight into how we would have to work in future at job or startup & how we have to contribute for the good of the entity we are working.

### **10.2 Discussion**

#### **10.2.1 Self-Analysis of Project Viabilities**

According to us, this project is absolutely a good start for gaining hands-on experience on projects. It is useful if it is managed according to the goal for which it is made.

#### **10.2.2 Problems Encountered and Possible Solutions**

There are so many problems encountered during this project.

- technical problems like maintenance of website, data redundancy
- untechnical aspects like effective teamwork, better communication of our team members' individual ideas & combine them for betterment of the website.

#### **10.2.3 Brief Summary of Project Work**

It is a great achievement to successfully complete the project. The prior knowledge of software engineering has helped immensely in overcoming the various roadblocks. We have done work with pre-planned scheduling related with time constraints and weekly progress in project development. Also, we received guidance from Prof. Ravindra A. Vyas at all stages of our project which helped in overall betterment of the project.

All in all, it was a beautiful experience which taught us many things needed to succeed further in life during our jobs.

## 10. REFERENCES

- MongoDB: <https://www.mongodb.com/docs/>
- Stackoverflow: <https://stackoverflow.com>
- Geeksforgeeks: <https://www.geeksforgeeks.org/>
- Youtube: <https://www.youtube.com/>
- W3 Schools: <https://www.w3schools.com/>
- Cloudinary: <https://cloudinary.com/documentation>
- React JS: <https://reactjs.org/docs/getting-started.html>
- Npm: <https://www.npmjs.com/>
- Icons8: <https://icons8.com/>
- Font-awesome: <https://fontawesome.com/icons>
- Send-Grid: <https://sendgrid.com/>