

Book Selling Website

A Project Report

Submitted in partial fulfillment of the
Requirements for the award of the Degree of

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

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521

Under the esteemed guidance of

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NAGINDAS KHANDWALA COLLEGE(Autonomous)

(Affiliated to University of Mumbai)

MUMBAI, 400 064

MAHARASHTRA

2022-23

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Roll no: **521**

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2. Title of the Project: online book-selling website
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DEPARTMENT OF INFORMATION TECHNOLOGY



CERTIFICATE

This is to certify that the project titled, " online book-selling website ", is bonafied work of **Rahul Kushwaha** bearing Seat.No: (521) submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai.

Internal Guide

Coordinator

External Examiner

Date:

College Seal

Abstract

Nowadays, the network plays an import role in people's life. In the process of the improvement of the people's living standard, people's demands of the life's quality and efficiency is more higher, the traditional bookstore's inconvenience gradually emerge, and the online bookstore has gradually be used in public. The online bookstore is a revolution of book industry. The traditional bookstores' operation time, address and space is limited, so the types of books and books to find received a degree of restriction. But the online bookstore broke the management mode of traditional bookstore, as long as you have a computer, you can buy the book anywhere, saving time and effort, shortening the time of book selection link effectively. The online bookstore system based on the principle of provides convenience and service to people.

ACKNOWLEDGEMENT

I want to express my gratitude and appreciation to all those who gave me the possibility to complete this project. A special thanks to my parents and my brother for providing me with my needs and their stimulating support.

I am very thankful to **Prof. Dr. Moushumi Datta**, the principal of **Nagindas Khandwala College** for her kind co-operation in the completion of my project.

I also Thanks **Dr. Sindhu.P.M** Head of Department of our section in college for supporting me.

I am highly indebted to **Ms. Anisha Asirvatham** for her guidance and constant supervision as well as for providing necessary information regarding the project & also for her support in completing the project.

I am also thankful to our other staff of our department for facilitating me with the necessary requirements and support and co-operation. My project experience was satisfying, fulfilling acknowledge filled lastly, I would like to thank my college **Nagindas Khandwala college** of commerce, arts and science (autonomous) for providing me with proper ambience and supplying me with the right amenities that has helped me complete this project on time and satisfyingly.

DECLARATION

I hereby declare that the project entitled, “**online book-selling website**” done at **Nagindas Khandwala College**, has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of **BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)** to be submitted as final semester project as part of our curriculum.

Rahul Kushwaha

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CHAPTER 1: INTRODUCTION

1.1 Background

this is an online book-selling website, many times people don't get info about many books which are present in a nearby store, on this website people can search for the book using the search bar to directly get that book, and place an order to get the book at home.

Online shopping allows you to browse through endless possibilities, And even offers products that are unavailable in stores.

On online book-selling websites more useful is the ability to compare items, similar or not, online. You can search via multiple stores at the same time, comparing material quality, sizes, and pricing simultaneously.

Say 'goodbye' to the days when you stood in line waiting and waiting, Online shopping transactions happen instantly-saving you time to get your other tasks done! Also, unlike a shop, an online book-selling website has friendly customer service representatives available 24 hours a day, 7 days a week to help you with locating, purchasing, and shipping your products.

1.2 Objectives

1. To provide a wider market to the seller.
2. To make products easily available to the customers.
3. integration of records of payment
4. manage the stock information
5. manage the information in order
6. editing, adding, and updating of Records is improved which results in proper resource management of books data.

1.3 Applicability

it is a very helpful website for shopkeepers because they don't need to develop it, again and again, the website they can easily add and update and also delete the data from websites like the example they can add books update the price delete the unconscious user, etc.

it takes all information about products, bills, and order

CHAPTER 2: GAP ANALYSIS/ DRAWBACK OF EXISTING SYSTEM

GAP ANALYSIS

1. Only displaying the discounted products on the main page.
2. In the product list section, information about the book must be there: cover, title, author, original price stock availability, bonus, and don't forget about the purchase button.
3. The search feature must have a complete filter, based on keywords, categories, formats, languages, and prices, until the sorting list.
4. Payment methods can be via banks (transfer or credit card). If you don't have a bank account you can go through, even COD (Cash On Delivery).

Conclusion

I have found a rough picture strategy of how my site will compete in the market by trying to provide better features and information than competitors.

DRAWBACKS OF EXISTING SYSTEM

Delay in the delivery

Cons of Being a SYSTEM Delays in delivery In the event of offline purchasing, you can accept the merchandise right away. Yet, this does not be in internet buying. Even if it just takes 10- 15 beats to buy the merchandise online, it will be more than 4- 5 days before it enters your hands. During large-scale trade, it may take too long to deliver the product. The product is hidden from view. The unfortunate aspect of internet buying is that you cannot see or feel the merchandise. You only need to look at the image and read the description. Internet shopping is not appropriate for persons who want to purchase a thing only after trying it or seeing it. sheltered

In the case of offline shopping, you can receive the product then and there. But, this does not happen in online shopping. Even though it hardly takes 10-15 minutes to buy the product online, by the time it reaches your hands, it would be more than 4-5 days. During big sales, e-commerce portals may take too long to deliver the product. **You can't see the product**

The sad part of online shopping is, that you cannot see the product and feel how it is. You can just see the image and read the description. Online shopping is not suitable for people who wish to buy the product only after trying it or by seeing it.

Hidden costs and shipping charges

When you first see the product on a portal, it generally looks cheaper. But when you proceed with the payment, extra charges like shipping charges, tax, and packing charges are added. These charges will make the product expensive vis-a-vis the local store. Some portals offer free shipping if you shop for more than a certain amount. Sometimes just to avail free shipping, you end up shopping more than your requirement. **Lack of interaction**

In the case of offline shopping, sales assistants shower personal attention on customers and give complete details on the product. If you have any queries, you can ask right there. But, this does not happen in the case of online shopping. All you can do is see the picture and read the description. Some portals allow shoppers to check customer reviews.

Returning the product

There is an option to return the product if you do not like it. But again, it is a big headache. The return policy differs from one company to other. In the case of some online shopping portals, customers have to bear the cost of returning the product. If you return the product, you will not be paid the shipping charges which you had paid earlier. If you are shopping for cosmetics like lipstick, they can't be returned.

CHAPTER 3: REQUIREMENTS AND ANALYSIS

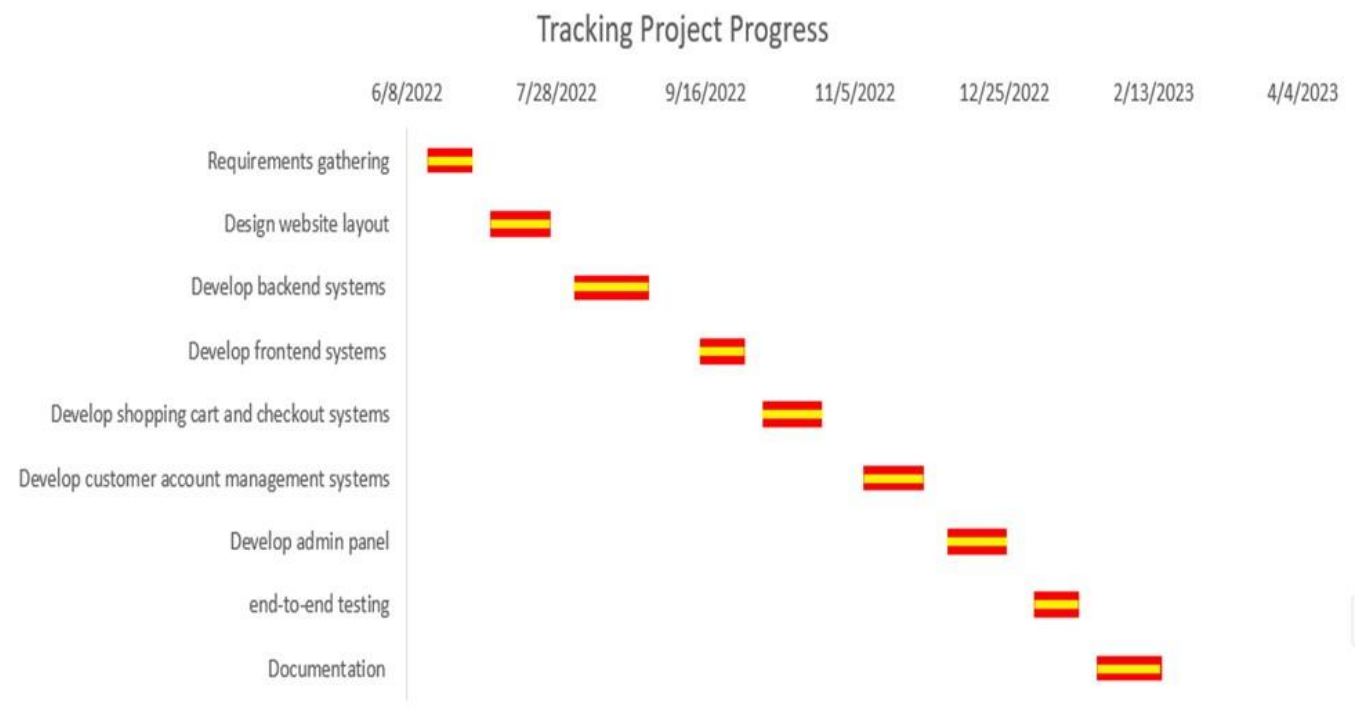
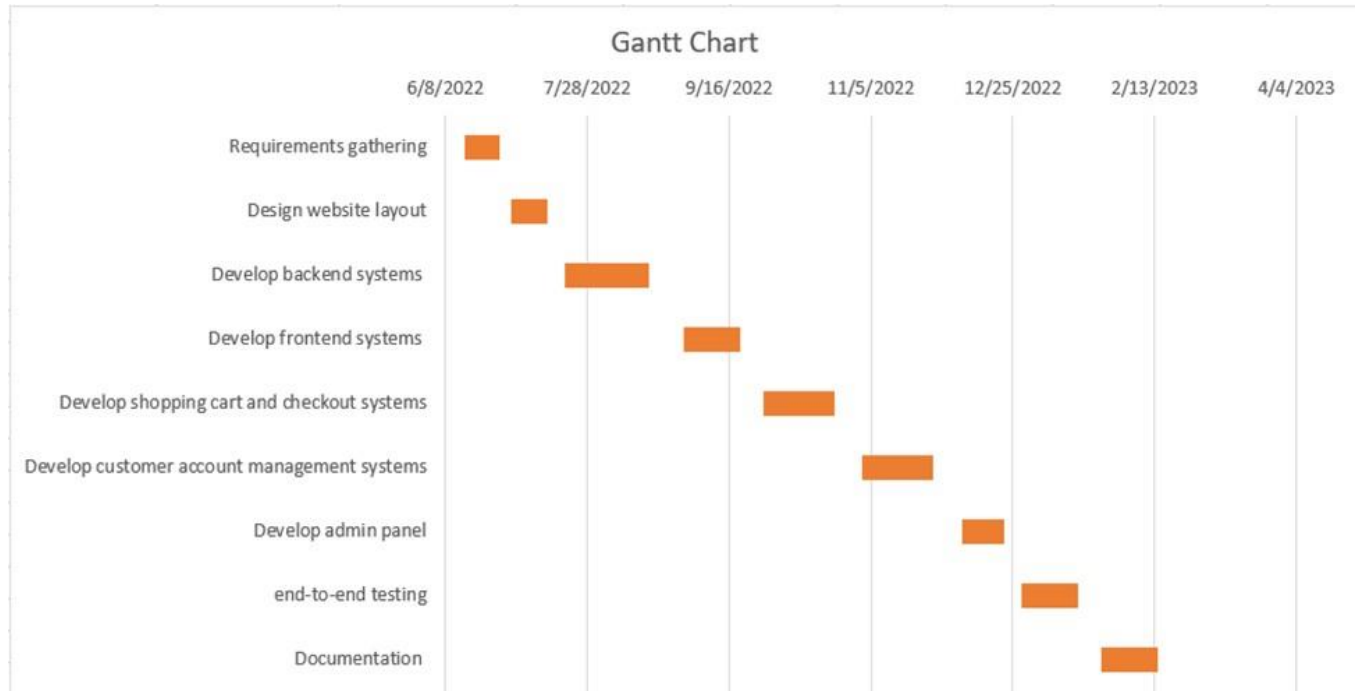
3.1 Problem Definition

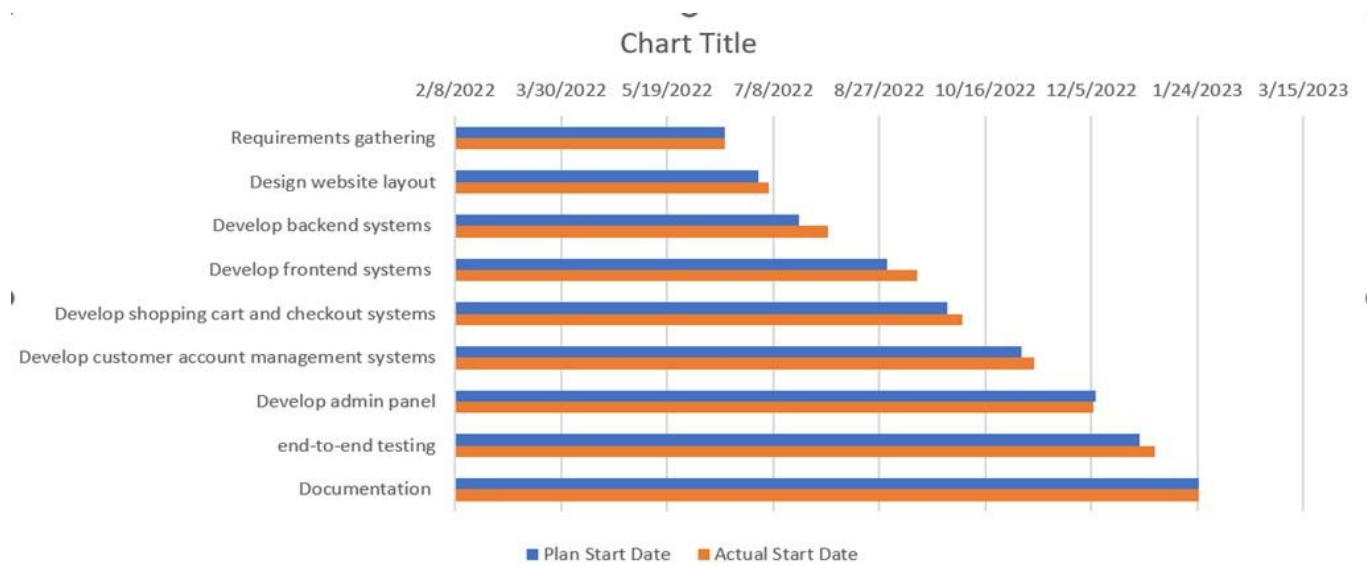
1. Safe. Secure and Useful in hard situations.
2. It can store the data in large quantities.
3. Restore the data anytime & anywhere.
4. Make a separate folder for different types of documents.
5. Login and logout system with safe security.
6. Model: I used Agile Model as it focuses on practices include requirements discovery and solutions improvement through the collaborative effort of selforganizing and cross-functional teams with their customer end user, adaptive planning, evolutionary development, early delivery. continual improvement, and flexible responses to changes in requirements, capacity, and understanding of the problems to be solved.
7. Online Book Store is a specific requirement of the client that integrates the buying and selling services specifically to their customers.
8. Reports can be generated at any time within a few seconds, so that manual labor is not required, and also analysis can be performed much more frequently which helps in taking a decision
9. The details regarding all users and books can also be maintained as their information is very helpful and sometimes becomes a critical requirement.
10. Allows the user to get registered from their places and transact for the required product
11. To overcome these problems we develop "Online Book Store".

3.2 Requirements Specification

1. This requires high speed internet connection
2. Any electronic gadget like (phone/desktop/laptop)

3.3 Planning and Scheduling





I start planning this website form 15 Jun 2021, I get an idea by seeing the neighbor of the store people standing for their books, then I think I will make a website for the store and those people who want to sell their books and I started taking reference from youtube to make a full stuck dynamic website which will help for store people and as well as customer

I working on this website for many days this project help me to learn much think

3.4 Software and Hardware Requirements

3.4 Software Requirements

Operating system: Windows 10 or higher

Tools: Visual studio code server:

XAMPP

Language: HTML, CSS, JAVASCRIPT

Database: SQL

3.4 Hardware Requirements

Processor : Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz 1.19 GHz

Hard Disk: 1TB

System Type: 64-bit operating system, x64-based processor

Monitor

Ram: 8Gb

Input device: Keyboard, Mouse, Cpu

3.5 Preliminary Product Description

- Register: user can register with name, email id ,passwors and user type and submit.
- Login : After Register user will ready to this login page where user can login using email id and password
- Desk
- Dashboard: After Login User will See the Dashboard of webpage here user will see Navbar, home, Contact Us, about, shop, order.
- About : show the info of my website
- contact Us: If a user wants to query for any issues using a website or wants to know how it works, he can contact us to clear their doubts.
- Order: show the order detail of product which to done add to card

CHAPTER 4: SYSTEM DESIGN

4.1 Basic Modules

REGISTER: it helps users to register detail like name, email, password, and user type LOGIN:

login page gives access to the main page by using your email id and password home: redirect to the main page

about us: it shows the information of our website and CLIENT'S REVIEWS info of GREATER AUTHORS

shop: it will redirect to the product page then we can select the number of books that we want by clicking add to card.

contact: contact us is user use to forward the query to the admin

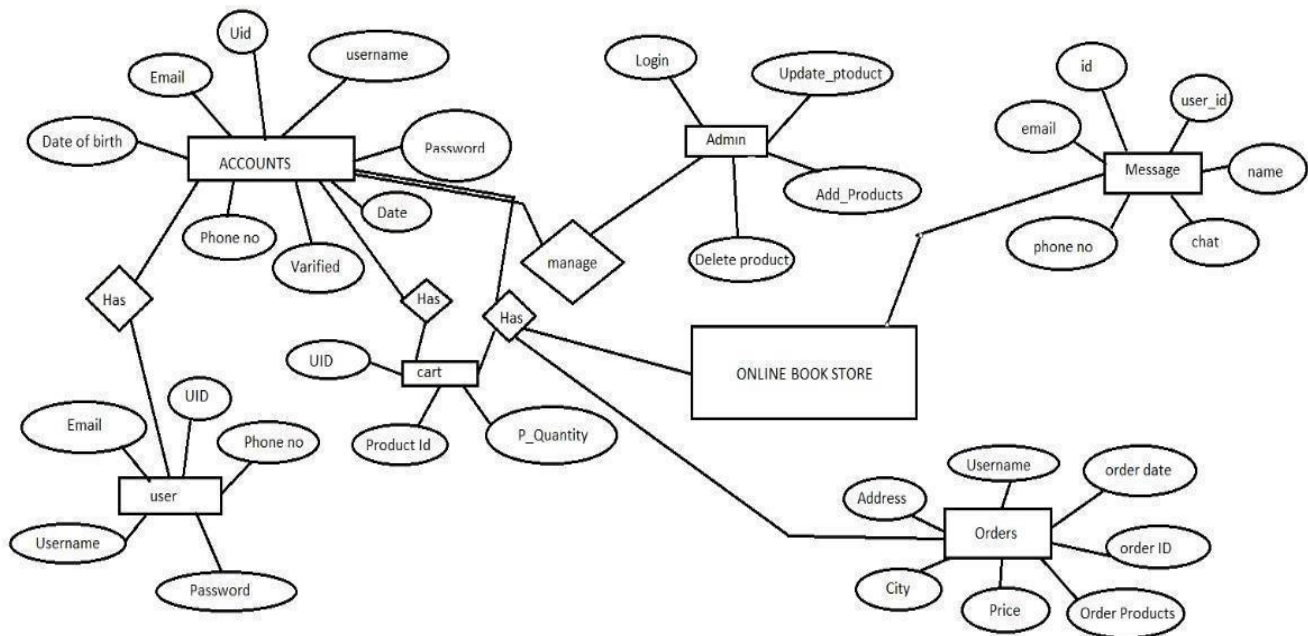
orders: it shows the product which is pending payment to conform to the product

Admin Login: Admin is the one who administers the system by adding or removing books user add comment and from the system respectively.

Payment: Allow students to easily pay their fees and fines related to books. Buy

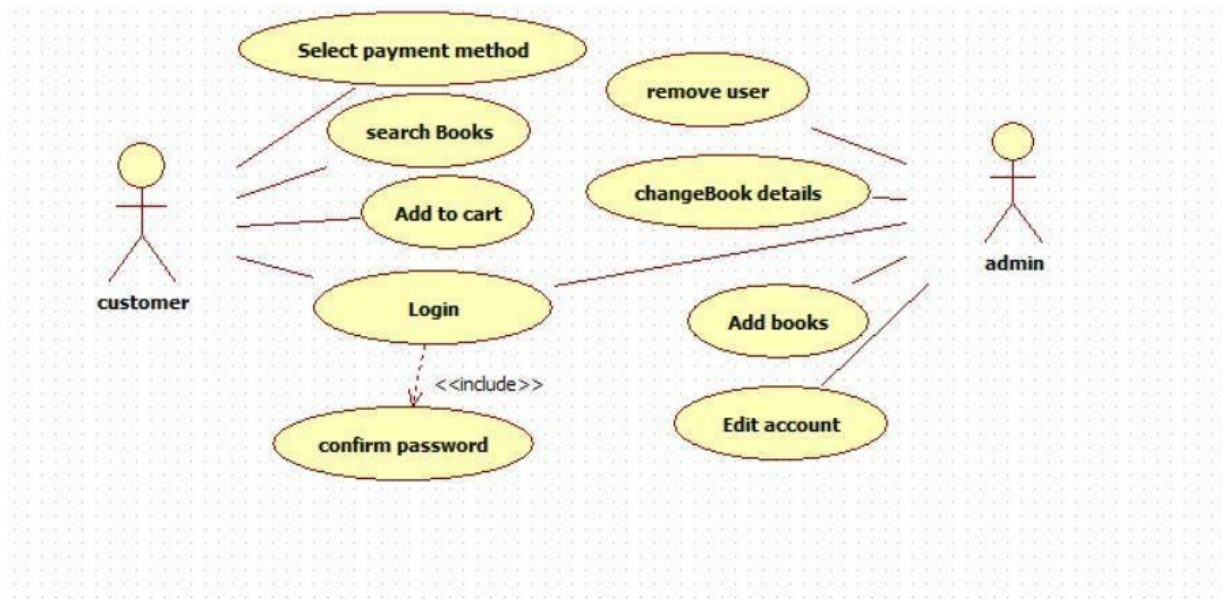
Books: Users can buy the book by doing online Payment

4.2 Schema Design ER Diagram

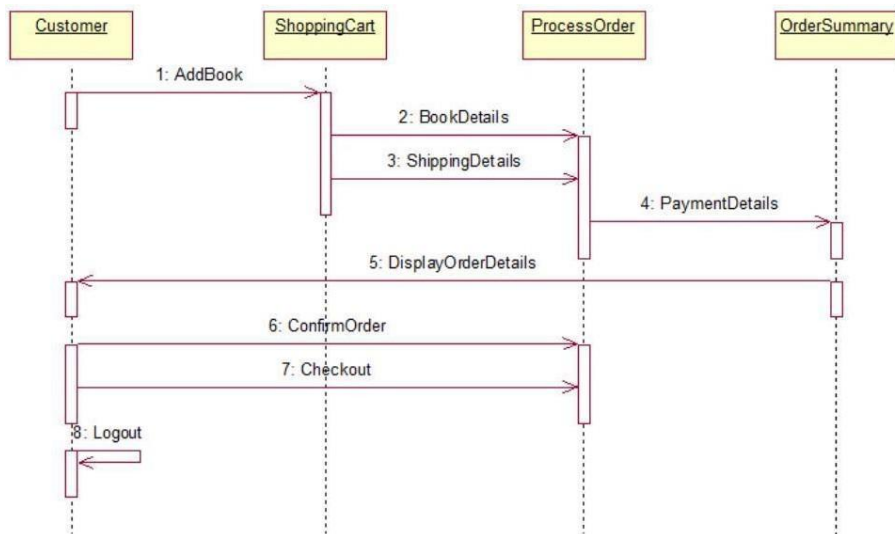


4.3 UML Diagrams

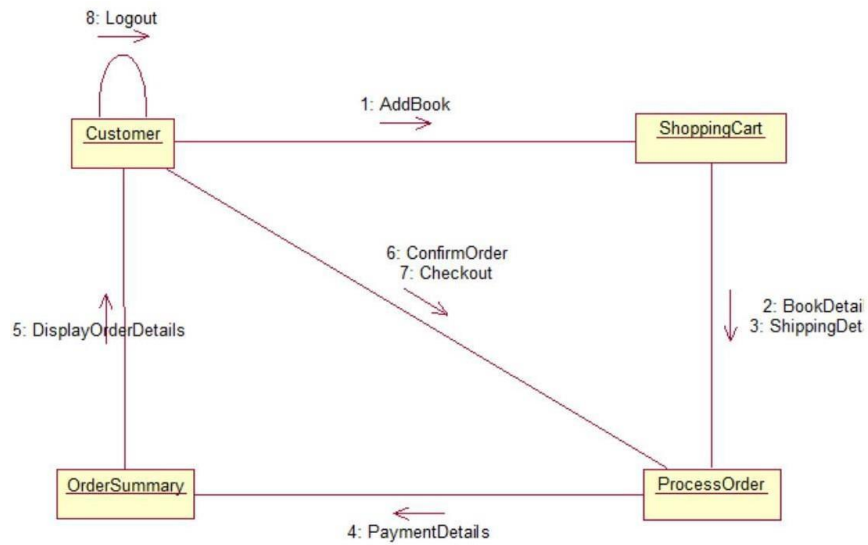
1) use case diagram



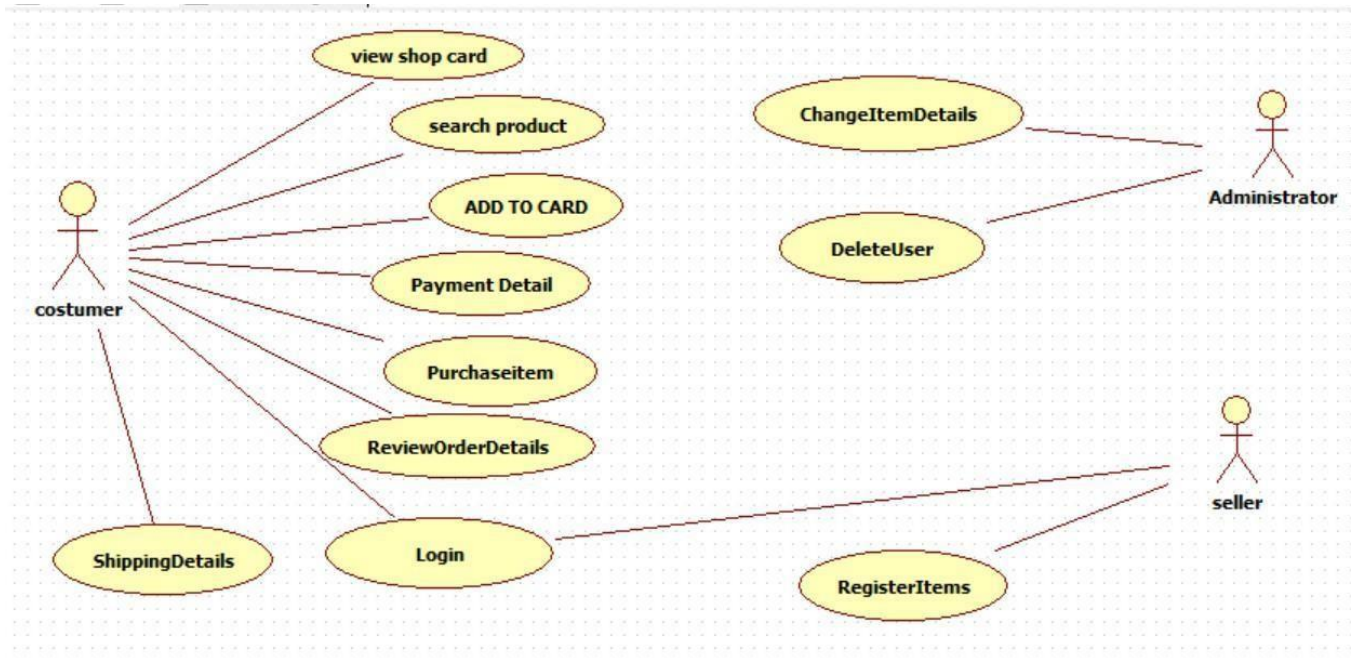
2)Sequence Diagram



3)Collaboration Diagram

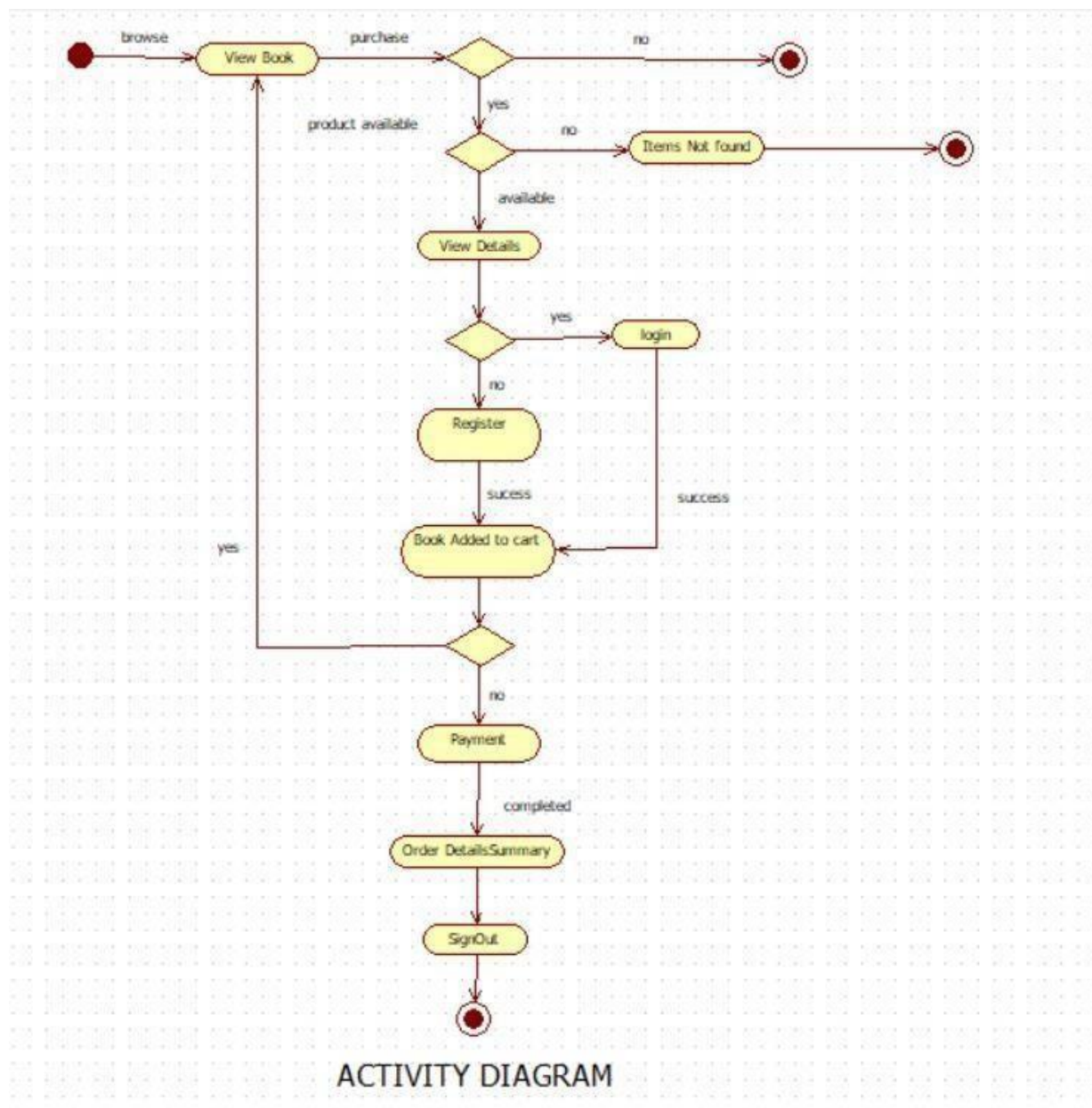


User Case Diagram

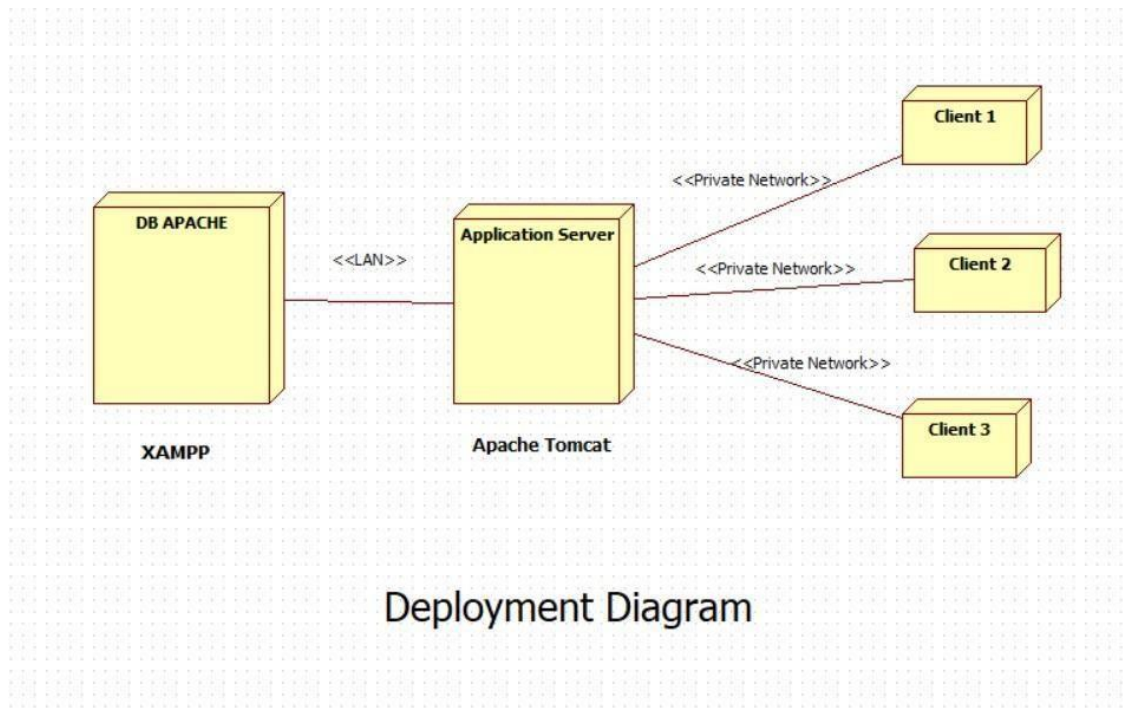


5

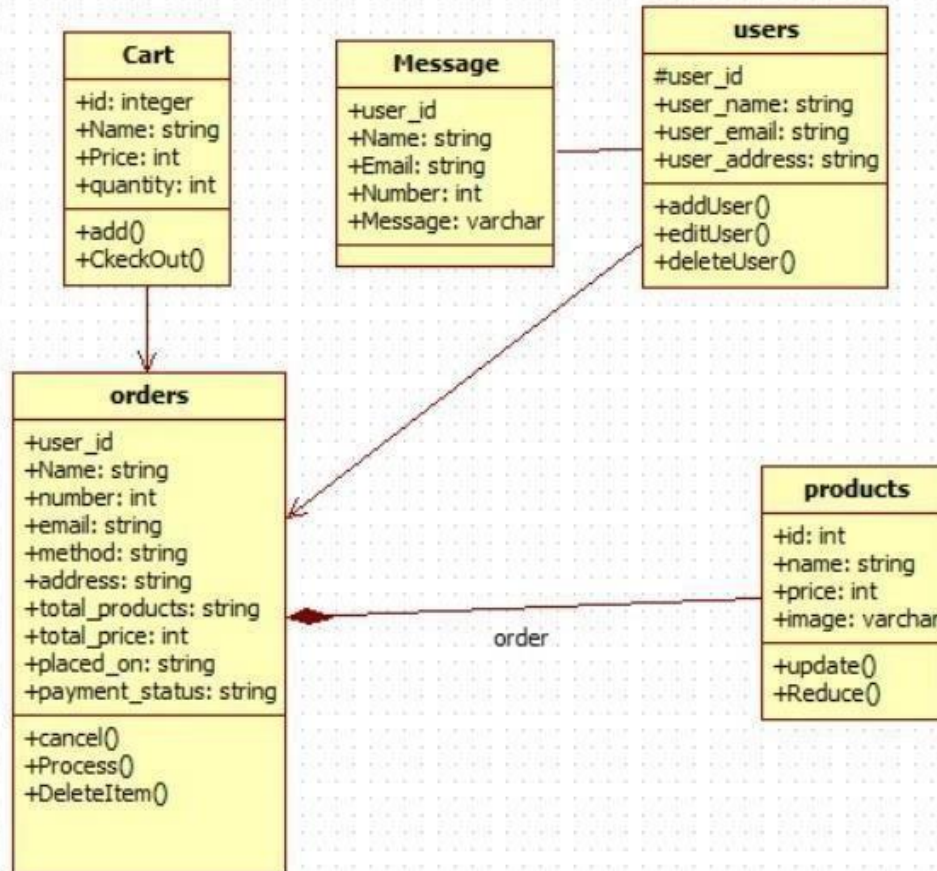
Activity Diagram



Deployment Diagram

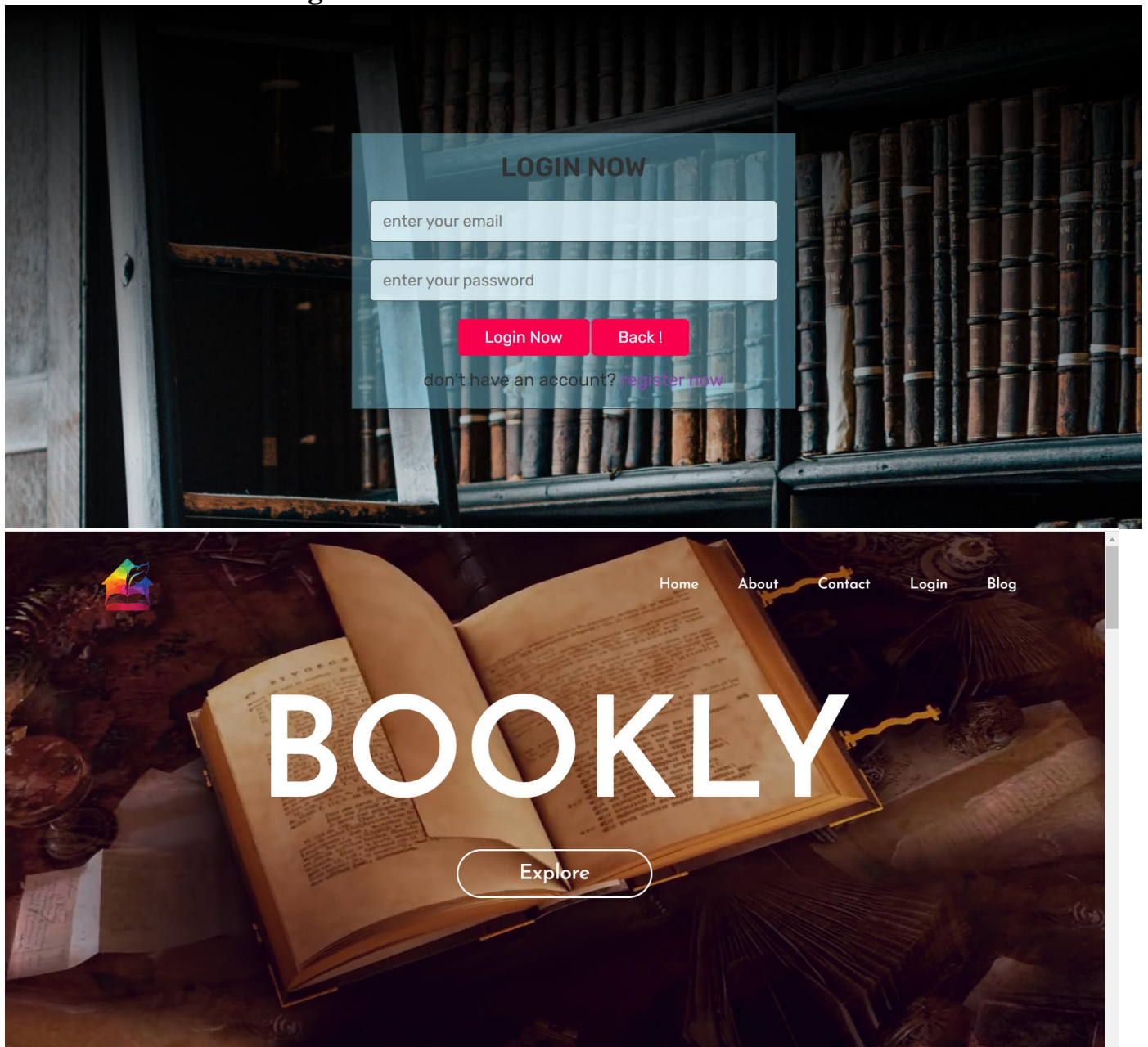


Class Diagram



CLASS DIAGRAM

4.4 User interface design



BEAUTY OF BOOKS

Today a reader, tomorrow a leader.

[Discover More](#)

LATEST PRODUCTS

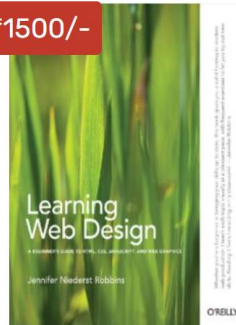
₹123/-



story 1

[Add To Cart](#)

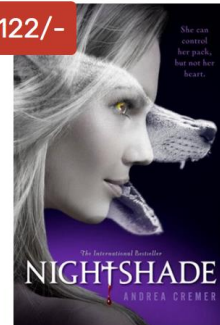
₹1500/-



Cooking book 1

[Add To Cart](#)

₹122/-



By the Book 1

[Add To Cart](#)

placed on : 13-Feb-2023

name : Rahul

number : 12334567567

email : rahul123@gmail.com

address : flat no. 11, 22, mumbai, india - 401410

payment method : cash on delivery

your orders : , story (1)

total price : \$123/-

payment status : completed

placed on : 13-Feb-2023

name : Rahul

number : 1234567890

email : rahul123@gmail.com

address : flat no. 45678, 4567, mjujmbfewertyui, india - 123456

payment method : cash on delivery

your orders : , story (2)

total price : \$246/-

payment status : pending

placed on : 13-Feb-2023

placed on : 13-Feb-2023

SAY SOMETHING!

Send Message



SHOP PRODUCTS

ADD PRODUCT

 No file chosen

user id : 1
placed on : 13-Feb-2023
name : Rahul
number : 12334567567
email : rahul123@gmail.com
address : flat no. 11, 22,
mumbai, india - 401410
total products : , story (1)
total price : \$123/-
payment method : cash on
delivery

user id : 1
placed on : 13-Feb-2023
name : Rahul
number : 1234567890
email : rahul123@gmail.com
address : flat no. 45678,
4567, mjujmbfewertyui,
india - 123456
total products : , story (2)
total price : \$246/-
payment method : cash on
delivery

user id : 1
placed on : 13-Feb-2023
name : Rahul
number : 345678
email : rahul123@gmail.com
address : flat no.
123456789, 12345678,
mfdfigu, wertyui -
12345678
total products : , story (2)
total price : \$246/-
payment method : cash on
delivery



USER ACCOUNTS

<p>user id : 1</p> <p>username : rahul</p> <p>email : rahul123@gmail.com</p> <p>user type : user</p> <p>Delete User</p>	<p>user id : 2</p> <p>username : rahul</p> <p>email : aaryankushwaha@gmail.com</p> <p>user type : admin</p> <p>Delete User</p>
---	--



MESSAGES

<p>user id : 1</p> <p>name : Rahul</p> <p>number : 57765</p> <p>email : aaryankushwaha@gmail.com</p> <p>message : erf</p> <p>Delete Message</p>	<p>user id : 1</p> <p>name : Rahul</p> <p>number : 34</p> <p>email : aaryankushwaha@gmail.com</p> <p>message : d</p> <p>Delete Message</p>	<p>user id : 1</p> <p>name : Rahul</p> <p>number : 342</p> <p>email : aaryankushwaha@gmail.com</p> <p>message : fdg</p> <p>Delete Message</p>
---	--	---

4.5 Security Issues

Hacked content: This is any content placed on your site without your permission because of security vulnerabilities in your site. In order to protect our users, Google tries its best to keep hacked content out of our search results.

Malware and unwanted software: This is software that is designed to harm a device or its users, that engages in deceptive or unexpected practices, or that negatively affects the user. Malware can be either installed by a hacker or the site owner.

Social engineering: This is content that tricks visitors into doing something dangerous, such as revealing confidential information or downloading software.

CHAPTER 5: IMPLEMENTATION AND TESTING

5.1 Code

```
<?php
include 'config.php';
session_start();
if(isset($_POST['submit'])){
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $pass = mysqli_real_escape_string($conn, md5($_POST['password']));
    $select_users = mysqli_query($conn, "SELECT * FROM `users` WHERE email = '$email' AND password = '$pass'") or die('query failed');
    if(mysqli_num_rows($select_users) > 0){
        $row = mysqli_fetch_assoc($select_users);
        if($row['user_type'] == 'admin'){
            $_SESSION['admin_name'] = $row['name'];
            $_SESSION['admin_email'] = $row['email'];
            $_SESSION['admin_id'] = $row['id'];
            header('location:admin_page.php');
        }elseif($row['user_type'] == 'user'){
            $_SESSION['user_name'] = $row['name'];
            $_SESSION['user_email'] = $row['email'];
            $_SESSION['user_id'] = $row['id'];
            header('location:home.php');
```

```

    }
}else{
    $info_msg[] = 'incorrect email or password!';
}
}
?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>login</title>

    <!-- font awesome cdn link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0/css/all.min.css">

    <!-- custom css file link -->

    <link rel="stylesheet" href="css/style.css">

</head>

<body>

<style>

body {

    background-image: url("111.jpg");

```



```

}
</style>

<?php
if(isset($message)){
    foreach($message as $message){
        echo '
        <div class="message">
            <span>'.$message.'</span>
            <i class="fas fa-times" onclick="this.parentElement.remove();"></i>
        </div>
        ';
    }
}

?>

<div class="form-container">
    <form action="" method="post">
        <h3>login now</h3>
        <input type="email" name="email" placeholder="enter your email" required
class="box">
        <input type="password" name="password" placeholder="enter your password"
required class="box">
        <input type="submit" name="submit" value="login now" class="btn">
        <a href="index.php" target="_blank" class="btn">back !</a>
        <p>don't have an account? <a href="registration1.php">register now</a></p>

```

```

</form>

</div>

<!-- sweetalert cdn link -->

<script
src="https://cdnjs.cloudflare.com/ajax/libs/sweetalert/2.1.2/sweetalert.min.js"></script>

<?php include 'alers.php'; ?>

</body>

</html>

```

5.2 Testing Approach and Test Cases

Testing ID	Input data	Actual Output	Exoected Output	Result
T1	empty	please fill out this field	fill the data	pass
T2	user name:123124	register sucessfully	user name connot contain ony number valuse	fail
T3	user name:[]{}[]	register sucessfully	the username can onli contain alphanumeric characters and underscores	fail
T4	user name: rahul123	register sucessfully	register succesfully	pass
T5	user name: rahul123	user name already exists	username name already exists	fail
T6	singup button :on click	register sucessfully	register succesfully	pass
	Column1	Column2		
	pass test case	3		
	fail test case	3		
	total test case	6		

CHAPTER 6: RESULTS AND DISCUSSION

LOC Metrics:

```
count time : 2023-03-01 07:56:53
count workspace : c:\xampp\htdocs\xampp\Rahul kushwaha
total files : 149
total code lines : 7899
total comment lines : 2735
total blank lines : 1748

  statistics
| extension| total code| total comment| total blank|percent|
-----|-----|-----|-----|-----|
| .php| 2993| 11| 1052| 38|
| .js| 74| 0| 18| 0.94|
| .PHP| 141| 0| 29| 1.8|
| .css| 3241| 26| 626| 41|
| .pdf| 1450| 2698| 23| 18|
-----|-----|-----|-----|-----|
111.jpg, it is a binary file.
```

COCOMO model:

COCOMO (Constructive Cost Model) is a regression model based on LOC, i.e. number of lines of code. It is a procedural cost estimate model for software projects and often used as a process of reliably predicting the various parameters associated with making a project such as size, effort, cost, time and quality.

COCOMO'81 models depend on the two main equations.

Development effort: $MM = a * KDSI^b$ based on MM – man-month / person month / staff month is one month of effort by one person. In COCOMO'81, there are 152 hours per Person month. According to organization this value may differ from the standard by 10% to 20%.

Effort and development time (TDEV): $TDEV = 2.5 * MM^c$.

class	A	B	C	D
Organic	2.4	1.05	2.5	0.38
Semi detached	3	1.12	2.5	0.35
Embedded	3.6	1.2	2.5	0.32

- Software Development effort is estimated using LOC

- Number of Lines of Codes (LOC) = 7,899

- Class used Organic EFFORT APPLIED = $a * (KLOC)^b$

$$= 2.4 * (7.899)^{1.05}$$

$$= 21.021415735$$

DEVELOPMENT TIME(D) = $c * (\text{effort applied})^d$

$$= 2.5(21.021415735)^{0.38}$$

$$= 7.95$$

PEOPLE REQUIRED(P) = E/D

$$= 21.021415735 / 7.95$$

$$= 2.65$$

6.2 User Documentation

- 1. There will be an introduction page first.**
- 2. then log in to the website to access its benefits.**
- 3. following that, you can add products to your cart and check out.**
- 4. Following checkout and receipt of the item, you may make a cash payment.**

CHAPTER 7: CONCLUSIONS

7.1 Conclusion

Online bookstore has many advantages compared to its counterparts such as physical book store, the online bookstore allows its user to shop at one place where in physical store the books are scattered at the different places which consumes a lot of time and online bookstore helps in saving that time and it also avoids the problem of unavailability of books at physical store as numerous vendors from different places sell their books at one place. This project is efficient in maintaining users records and can perform operations on it, also reduces the work load on the shop owner of knowing the quantity of books available and which books are available and keeps the records of how many books are purchased and sold.

7.1.1 Significance of the System

The significance of the system is stored in online books.

An online book shop is a significant system that allows people to browse and buy books from a large library of titles. The system is relevant for the following reasons:

Convenience: Online book stores allow customers to buy books from the comfort of their own homes at any time of day or night. Customers may explore a large assortment of books and make purchases without leaving their homes.

Wide Book Selection: Online book retailers have a diverse selection of books, including new releases, best-sellers, classics, textbooks, and more. This enormous assortment of books offers consumers a diverse range from which to pick, guaranteeing that they may find what they are looking for.

7.2 Limitations of the System

- a lack of security
- The user is unable to add the books.
- After checkout, the user does not receive an email.

7.3 Future Scope of the Project

- I will make this website more secure.
- In this feature, users can also add books to their websites for sale.
- People who use this feature have the option of paying online.
- People who use this feature receive an email with the order confirmation.

REFERENCES:

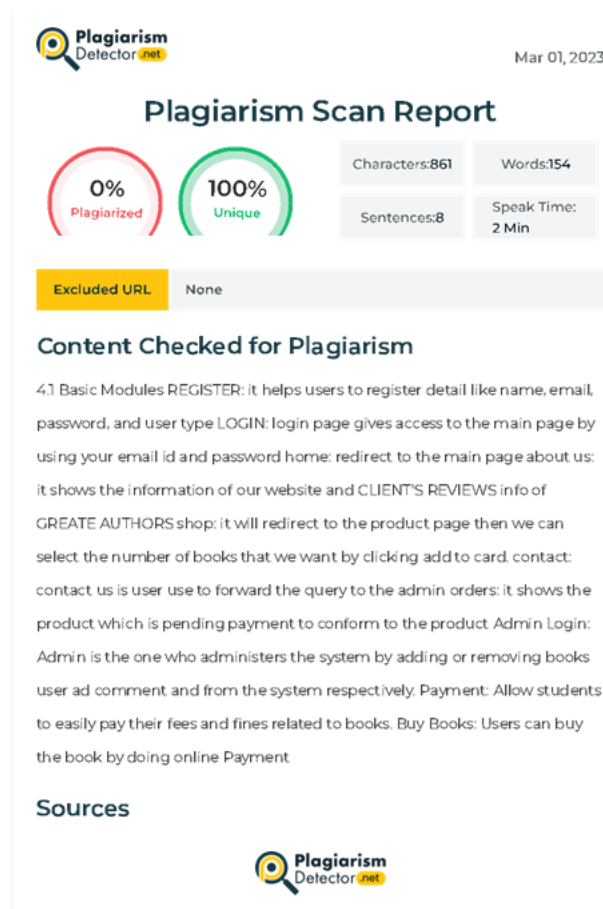
<https://www.irjet.net/archives/V7/i5/IRJET-V7I51409.pdf>

<https://www.youtube.com/>

<https://chat.openai.com/auth/login>

<https://www.researchgate.net/publication/314783622> The Online Bookstore

APPENDIX:



Plagiarism Scan Report



Characters:666

Words:121

Sentences:6

Speak Time:
1 Min

Excluded URL

None

Content Checked for Plagiarism

Cons of Being a SYSTEM Delays in delivery In the event of offline purchasing, you can accept the merchandise right away. Yet, this does not be in internet buying. Even if it just takes 10-15 beats to buy the merchandise online, it will be more than 4-5 days before it enters your hands. During large-scale trade, it may take too long to deliver the product. The product is hidden from view. The unfortunate aspect of internet buying is that you cannot see or feel the merchandise. You only need to look at the image and read the description. Internet shopping is not appropriate for persons who want to purchase a thing only after trying it or seeing it. sheltered

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Plagiarism Scan Report



Characters:1008

Words:163

Sentences:7

Speak Time:
2 Min

Excluded URL

None

Content Checked for Plagiarism

11 Background this is an online book-selling website, many times people don't get info about many books which are present in a nearby store, on this website people can search for the book using the search bar to directly get that book, and place an order to get the book at home. Online shopping allows you to browse through endless possibilities, And even offers products that are unavailable in stores. On online book-selling websites more useful is the ability to compare items, similar or not, online. You can search via multiple stores at the same time, comparing material quality, sizes, and pricing simultaneously. Say 'goodbye' to the days when you stood in line waiting and waiting. Online shopping transactions happen instantly-saving you time to get your other tasks done! Also, unlike a shop, an online book-selling website has friendly customer service representatives available 24 hours a day, 7 days a week to help you with locating, purchasing, and shipping your products.

Sources