



**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED, MAHARASTRA, INDIA**

**A
PROJECT REPORT
ON**

“Readers Cafe”

**Submitted By
Miss. Shweta Ramesh Kanchangire
Miss.Neha Raghuttam Pande
Miss.Kalyani Anilrao Boralkar
Under the Guidance of
Prof. Kamble M.V**

**YUVAK PRATISHTHAN'S
MIT COLLEGE OF COMPUTER SCIENCE & IT
BASMATH, DIST. HINGOLI
2021-2022**

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CERTIFICATE

This is certify that the Project entitled as

“Readers Cafe”

Has been successfully delivered by

Miss. Shweta Ramesh Kanchangire

Miss. Neha Raghuttam Pande

Miss. Kalyani Anilrao Boralkar

Studying in B.Sc(C.S)Third year (VI-Sem)

As a requirement for the fulfilment of

Curriculum leading to the degree

“B.Sc(C.S)”

During the year

2021-2022

Project guide

Project In-charge

HOD

Principal

Examiner

Prof Kamble M.V.

Prof Kale I.S.

Prof Jadhav. N.R.

Prof Kale I.S.

DECLARATION

To,

The Principal,
MIT college of Computer Science & I.T,
Tq. Basmath-431512,
Dist. Hingoli

Respected Sir,

We declare that the Project entitled “Readers Cafe”
presented by us. It’s all work is done by us under guidance of
Prof Kamble .M. V.

Thanking you...

Your Sincerely,

Miss.Shweta Ramesh Kanchangire

Miss.Neha Raghuttam Pande

Miss. Kalyani Anilrao Boralkar

ACKNOWLEDGEMENT

It is indeed a great occasion for us to express our gratefulness to our Principal Kale I.S. and Project Guide Prof. Kamble M.V. for providing guidance and co-operation that was indispensable at all stages during our project preparation.

We also express a sincere thanks to all the staff members, for their valuable suggestion and encouragement making this project preparation.

And finally, We express our thanks to our friends and other persons for their valuable suggestions.

Miss. Kanchangire Shweta Ramesh

Miss. Pande Neha Raghuttam

Miss. Kalyani Anilrao Boralkar

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INTRODUCTION

The main objective of the project is to create an online book store that allows users to purchase a book based on title, author and subject. The selected books are displayed in a tabular format and the user can order their books. The Administrator will have additional functionalities when compared to the common user. Online Book store is an online web application where the customer can purchase books online, through a web browser. The customers can select a book; later can add to the shopping cart and finally purchase. The users can login using his account details or new customers can set up an account very quickly. The books are divided into many categories based on subject like fiction & nonfiction.

LANGUAGE REQUIRED

1. HTML

HTML stands for Hyper Text Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document within tag which defines the structure of web pages. This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (e.g. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text.

HTML is a markup language used by the browser to manipulate text, images, and other content, in order to display it in the required format. HTML was created by Tim Berners-Lee in 1991. The first-ever version of HTML was HTML 1.0, but the first standard version was HTML 2.0, published in 1995.

● History

In 1980, physicist **Tim Berners-Lee**, a contractor at **CERN** proposed and prototyped **ENQUIRE**, a system for CERN researchers to use and share documents. In 1989, Berners-Lee wrote a memo proposing an Internet-based hypertext system. Berners-Lee specified HTML and wrote the browser and server software in late 1990. That year, Berners-Lee and CERN data systems engineer **Robert Cailliau** collaborated on a joint request for funding, but the project was not formally adopted by CERN. In his personal notes from 1990 he listed "some of the many areas in which hypertext is used" and put an encyclopedia first.

2.CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .CSS file, which reduces complexity and repetition in the structural content; and enable the .CSS file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device. The name cascading comes from the specified priority scheme to determine which style rule applies more than one rule matches a particular element. This cascading priority scheme is predictable.

● History

CSS was first proposed by Håkon Wium Lie on 10 October 1994. At the time, Lie was working with Tim Berners-Lee at CERN. Several other style sheet languages for the web were proposed around the same time, and discussions on public mailing lists and inside World Wide Web Consortium resulted in the first W3C CSS Recommendation being released in 1996. In particular, a proposal by Bert Bos was influential; he became co-author of CSS1, and is regarded as co-creator of CSS.

Style sheets have existed in one form or another since the beginnings of Standard Generalized Markup Language (SGML) in the 1980s, and CSS was developed to provide style sheets for the web. One requirement for a web style sheet language was for style sheets to come from different sources on the web. Therefore, existing style sheet languages like DSSSL and FOSI were not suitable. CSS, on the other hand, let a document's style be influenced by multiple style sheets by way of "cascading" styles.

3. Python-Flask

Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions. However, Flask supports extensions that can add application features as if they were implemented in Flask itself. Extensions exist for object-relational mappers, form validation, upload handling, various open authentication technologies and several common framework related tool.

● History

Flask was created by *Armin Ronacher* of Poccoo , an international group of Python enthusiasts formed in 2004.[6] According to Ronacher, the idea was originally an April Fool's joke that was popular enough to make into a serious application.[7][8][9] The name is a play on the earlier Bottle framework .When Ronacher and Georg Brandl created a bulletin board system written in Python in 2004, the Poccoo projects Werkzeug and Jinja were developed.

In April 2016, the Pycocoo team was disbanded and development of Flask and related libraries passed to the newly formed Pallets project. Flask has become popular among Python enthusiasts. As of October 2020, it has second most stars on GitHub among Python web-development frameworks, only slightly behind Django, and was voted the most popular web framework in the Python Developers Survey 2018.

3.MYSQL

MySQL is an open-source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. A relational database organizes data into one or more data tables in which data may be related to each other; these relations help structure the data. SQL is a language programmers use to create, modify and extract data from the relational database, as well as control user access to the database. In addition to relational databases and SQL, an RDBMS like MySQL works with an operating system to implement a relational database in a computer's storage system, manages users, allows for network access and facilitates testing database integrity and creation of backups.

MySQL is free and open-source software under the terms of the GNU General Public License, and is also available under a variety of proprietary licenses. MySQL was owned and sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems (now Oracle Corporation). In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL project to create MariaDB.

● History

MySQL was created by a Swedish company, MySQL AB, founded by Swedes David Axmark, Allan Larsson and Finland Swede Michael "Monty" Widenius. Original development of MySQL by Widenius and Axmark began in 1994. The first version of MySQL appeared on 23 May 1995. It was initially created for personal usage from mSQL based on the low-level language ISAM, which the creators considered too slow and inflexible. They created a new SQL interface, while keeping the same API as mSQL. By keeping the API consistent with the mSQL system, many developers were able to use MySQL instead of the (proprietary licensed) mSQL antece

ADVANTAGES

1.You Don't Need a Physical Store

When you opt an online business instead of a physical store, you can save yourself from the hard work of searching for an ideal store at an ideal location and evaluating the space for your collection. All you need is to order an Online eCommerce Store Website, Start Uploading your product or service catalogue and you are done.

2. Save Cost

In addition to saving your sweat for finding an ideal store, you will eventually save thousands of dollars indirectly. When you go for a physical store, you will have to pay for furniture, its presentation, its staff, its appearance, its license and this will roughly cost you a fortune that you will never be able to earn with a single business. And on the other hand, going for an online bookstore website will save you the money for the longer run.

3. Save Time

By opting an online bookstore website, you can save your time as well. You don't have to be present around all the time. You can run your business from your home, your full-time job or even from a vacation resort. Great, isn't it?

4.Keep Your Passion Alive

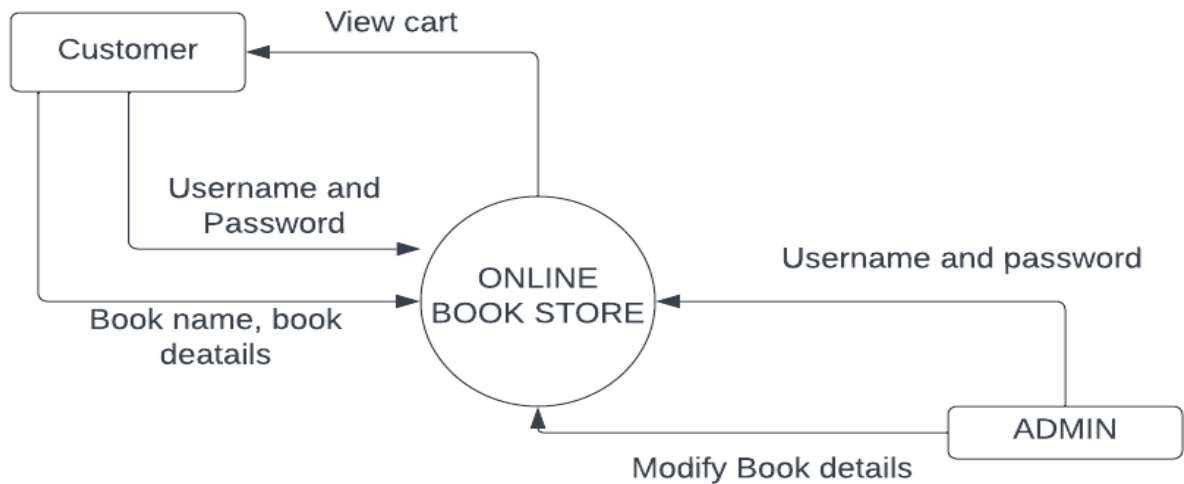
With an online bookstore website, you can keep your love for the books alive. You can grow in the community of your own taste and preferences and you can do what you love.

5. Easy to Operate

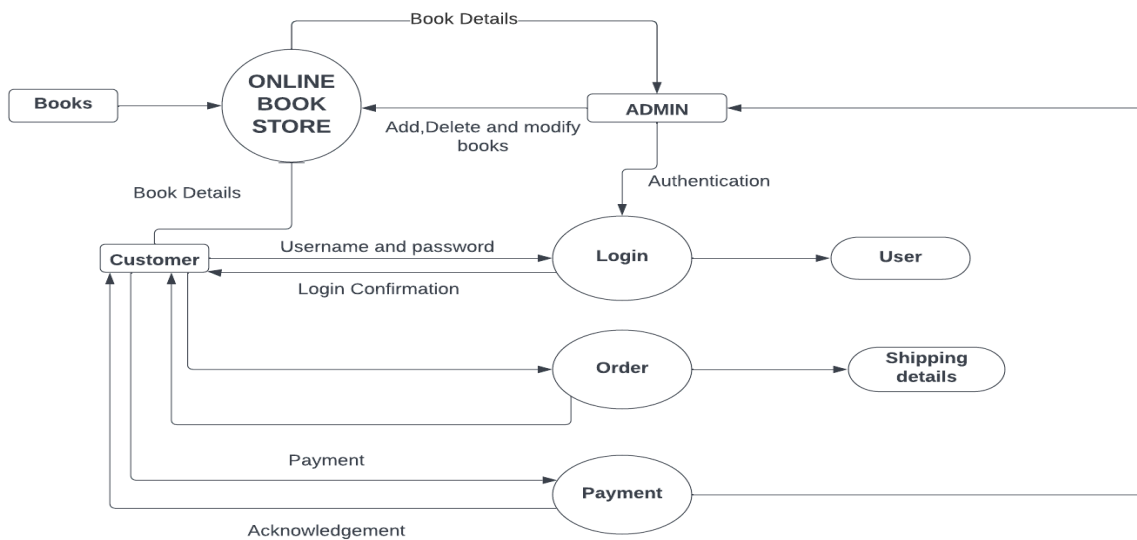
With the increase in tech and digital things around, everything has become a piece of cake. You can handle the website even if you don't know a thing about them. There are different plugins available and intuitive interfaces that make everything easy to operate.

DATA FLOW DIAGRAM

1. Level 0 Data Flow Diagram

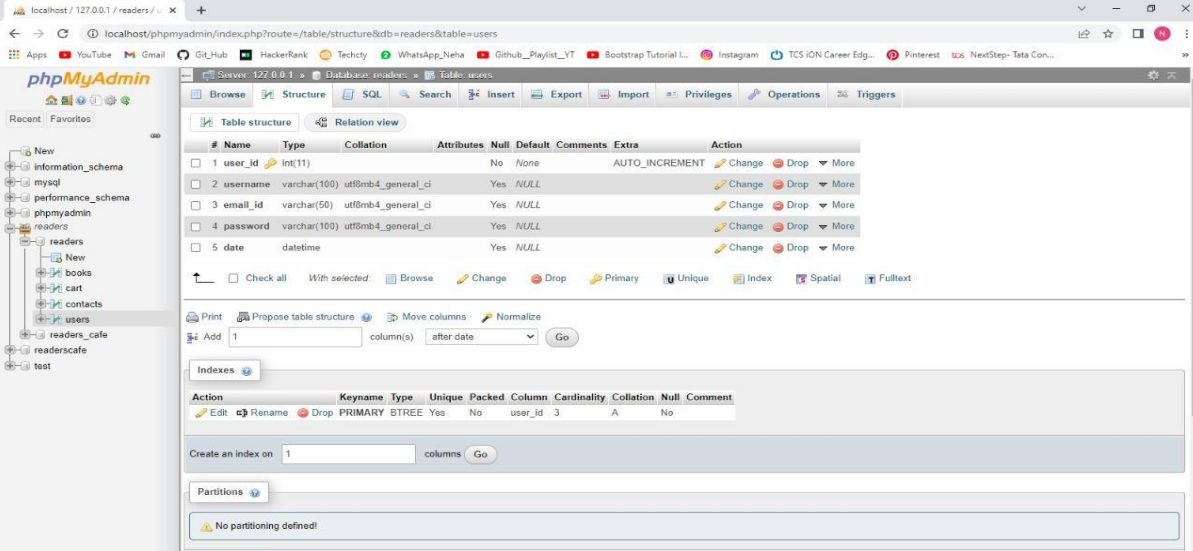


2. Level 1 Data Flow Diagram



DATABASE TABLE

1.Users



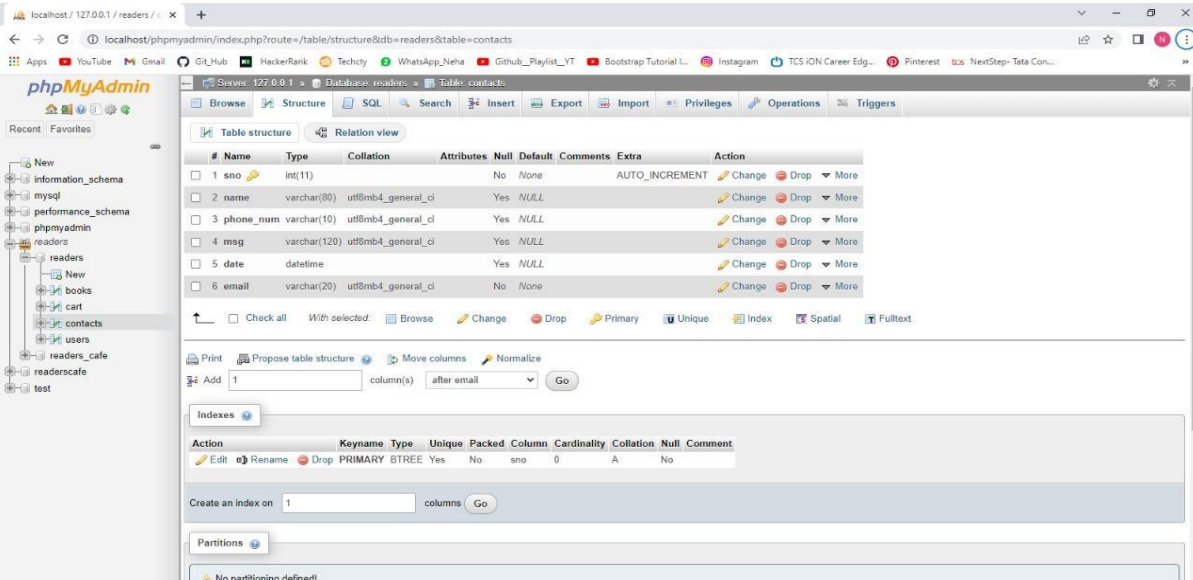
The screenshot shows the phpMyAdmin interface for the 'readers' database. The 'Table structure' tab is selected for the 'users' table. The table has five columns: 'user_id' (int(11), AUTO_INCREMENT), 'username' (varchar(100)), 'email_id' (varchar(50)), 'password' (varchar(100)), and 'date' (datetime). The 'user_id' column is the primary key. The 'Indexes' section shows a PRIMARY index on 'user_id'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	user_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
3	email_id	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
4	password	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	date	datetime			Yes	NULL			Change Drop More

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	user_id	3	A	No	

2.Contacts



The screenshot shows the phpMyAdmin interface for the 'readers' database. The 'Table structure' tab is selected for the 'contacts' table. The table has six columns: 'sno' (int(11), AUTO_INCREMENT), 'name' (varchar(80)), 'phone_num' (varchar(10)), 'msg' (varchar(120)), 'date' (datetime), and 'email' (varchar(20)). The 'sno' column is the primary key. The 'Indexes' section shows a PRIMARY index on 'sno'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	sno	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(80)	utf8mb4_general_ci		Yes	NULL			Change Drop More
3	phone_num	varchar(10)	utf8mb4_general_ci		Yes	NULL			Change Drop More
4	msg	varchar(120)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	date	datetime			Yes	NULL			Change Drop More
6	email	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	sno	0	A	No	

3.Carts

The screenshot shows the phpMyAdmin interface for the 'readers' database. The 'Table: cart' is selected, and the 'Table structure' tab is active. The table has four columns: 'cart_id' (int(11), primary key, auto-increment), 'book_id' (int(11)), 'date' (datetime), and 'user_id' (int(11)). Below the table structure, there is a section for 'Indexes' showing three indexes: 'PRIMARY' on 'cart_id', 'BTREE' on 'book_id', and 'BTREE' on 'user_id'. The 'Partitions' section indicates 'No partitioning defined'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	cart_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	book_id	int(11)			Yes	NULL			Change Drop More
3	date	datetime			Yes	NULL			Change Drop More
4	user_id	int(11)			Yes	NULL			Change Drop More

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	cart_id	5	A	No	
Edit Rename Drop	book_id	BTREE	No	No	book_id	5	A	Yes	
Edit Rename Drop	user_id	BTREE	No	No	user_id	5	A	Yes	

4.Books

The screenshot shows the phpMyAdmin interface for the 'readers' database. The 'Table: books' is selected, and the 'Table structure' tab is active. The table has eleven columns: 'book_id' (int(11), primary key, auto-increment), 'name' (varchar(40)), 'author_name' (varchar(50)), 'description' (varchar(1000)), 'category' (varchar(50)), 'type' (varchar(50)), 'price' (varchar(10)), 'date' (datetime), 'img_name' (varchar(100)), 'language' (varchar(30)), and 'pages' (int(11)). Below the table structure, there is a section for 'Indexes' showing one index: 'PRIMARY' on 'book_id'. The 'Partitions' section indicates 'No partitioning defined'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	book_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change Drop More
3	author_name	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
4	description	varchar(1000)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	category	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
6	type	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change Drop More
7	price	varchar(10)	utf8mb4_general_ci		Yes	NULL			Change Drop More
8	date	datetime			Yes	NULL			Change Drop More
9	img_name	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
10	language	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
11	pages	int(11)			Yes	NULL			Change Drop More

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	book_id	64	A	No	

SOURCE CODE

1. Layout.html

```
<!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>Readers Cafe

</title>

  <link rel="stylesheet" href="{{ url_for ('static',filename='css/style.css') }}">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"integrity="sha384EVSTQN3/azprG1Anm3QDgplJlIm9Nao0Yz1ztcQTwFspd3yD65Vohh
puuCOmLASjC" crossorigin="anonymous">

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

  <link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@400;600&display=swap"
rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Allura&display=swap" rel="stylesheet">

<link href="https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.6.0/css/bootstrap.min.css"
rel="stylesheet">

<link href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
rel="stylesheet">

<link rel="icon" type="image/x-icon" href="{{ url_for ('static',filename='img/icon1.jpeg') }}">

</head>

<body>

  <div class="pages">
```

```
<nav>

  <ul>

    <li> <a href="/">Home</a> </li>

    <li style="color:rgb(0, 0, 0)">Books<div class="submenu">

      <ul>

        <li> <a href="nonfiction">NonFiction </a> </li>

        <br>

        <li><a href="fiction">Fiction</a> </li>

      </li>

    </ul>

  </div>

</li>

<li> <a href="\about"> About </a> </li>

<li> <a href="\contact">Contact</a></li>

<li> <a href="\login"> Login </a></li>

<li> <a href="\logout">Logout</a>

    <li> <a href="/cart"><svg xmlns="http://www.w3.org/2000/svg" width="22" height="20"
fill="currentColor"

      class="bi bi-cart-fill" viewBox="0 0 16 16">

        </svg> </a></li>

  </ul>

</nav>

</div>

<div class="logo">

</div>

<div class="heading">

  <h1>Readers Cafe</h1>

</div>
```



```

{% block body %}

{% endblock %}

<footer>

    <p>Copyright &copy; MyCart<br> Online Book Store</p>

    <div class="footerlogo">


    </div>

</footer>

</body>

</html>

```

2. Home.html

```

{% extends "layout.html" %}

{% block body %}

<header>

    <form class="search" method="post" action="/search">

        <input class="formcontrol" type="search" name="search" placeholder="Search"
        aria-label="Search"

            style="height: 35px; width:500px;">

        <button class="btn" type="submit" style="height:35px" padding-inline="60px">Search</button>

    </form>

    <div class="home">

    </div>

```

```
<div class="heading_home">
```

```
  <p>Readers Cafe</p>
```

```
</div>
```

```
<div class="quote">
```

```
  <p>A Journey Through The World Of Books</p>
```

```
</div>
```

```
</header>
```

```
<body>
```

```
  <br>
```

```
<h1 style="text-align:center; font: size 5px;"><span style="color:black; font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;;">Now </span>
```

```
<span style="color:rgb(168, 28, 28) ;font-family: Cursive, ;"><i>Trending</i> </span></h1><br>
```

```
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
```

```
  <div class="carousel-inner">
```

```
    <div class="carousel-item active">
```

```
      <div class="cards-wrapper">
```

```
        <div class="card" style="width: 18rem;">
```

```
          <div class="image-wrapper">
```

```
            
```

```
          </div>
```

```
          <div class="card-body">
```

```
            <h5 class="card-title">Who Will Cry When You Die</h5>
```

```
            <p class="card-text">Does the gem of wisdom quoted above strike...</p>
```

```
            <a href="/readmore/42" class="btn btn-primary">Read More</a>
```

```
          </div>
```

```
        </div>
```

```
      <div class="card" style="width: 18rem;">
```

```
        <div class="image-wrapper">
```

```

```

```
</div>
```

```
<div class="card-body">
```

```
<h5 class="card-title">Everything Happens For A Reason</h5>
```

```
<p class="card-text">Kate Bowler is a professor at Duke Divinity School..</p>
```

```
<a href="/readmore/34" class="btn btn-primary">Read More</a>
```

```
</div>
```

```
</div>
```

```
<div class="card" style="width: 18rem;">
```

```
<div class="image-wrapper">
```

```

```

```
</div>
```

```
<div class="card-body">
```

```
<h5 class="card-title">A Girl With No Dream</h5>
```

```
<p class="card-text">I always asked mom about my father but she always ..</p>
```

```
<a href="/readmore/35" class="btn btn-primary">Read More</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="carousel-item">
```

```
<div class="cards-wrapper">
```

```
<div class="card" style="width: 18rem;">
```

```
<div class="image-wrapper">
```

```

```

```
</div>
```

```
<div class="card-body">
```

```
<h5 class="card-title">A Thing Beyond Forever</h5>
```

```
<p class="card-text">Some love stories are soul stories.Dr. Radhika Sha...</p>
```

```
        <a href="/readmore/36" class="btn btn-primary">Read More</a>
    </div>
</div>
<div class="card" style="width: 18rem;">
    <div class="image-wrapper">
        
    </div>
    <div class="card-body">
        <h5 class="card-title">All I Ever Want Is You</h5>
        <p class="card-text">Raj and Alisha meet at a family party and fall for...</p>
        <a href="/readmore/37" class="btn btn-primary">Read More</a>
    </div>
</div>
<div class="card" style="width: 18rem;">
    <div class="image-wrapper">
        
    </div>
    <div class="card-body">
        <h5 class="card-title">The Sound Of silence</h5>
        <p class="card-text">"Do you have a favorite sound?" little Yoshio asks.</p>
        <a href="/readmore/38" class="btn btn-primary">Read More</a>
    </div>
</div>
</div>
<div class="carousel-item justify-content-center">
    <div class="cards-wrapper">
        <div class="card" style="width: 18rem;">
            <div class="image-wrapper">
                
            </div>
```

```
<div class="card-body">
  <h5 class="card-title">You Only Live Once</h5>
  <p class="card-text">Find the answers about your own life in this story...</p>
  <a href="/readmore/39" class="btn btn-primary">Read More</a>
</div>
</div>
<div class="card" style="width: 18rem;">
  <div class="image-wrapper">
    
  </div>
  <div class="card-body">
    <h5 class="card-title">A Touch Of eternity</h5>
    <p class="card-text">Born on the same day and at the same time, Druvan ...</p>
    <a href="/readmore/40" class="btn btn-primary">Read More</a>
  </div>
</div>
<div class="card" style="width: 18rem;">
  <div class="image-wrapper">
    
  </div>
  <div class="card-body">
    <h5 class="card-title">The Mother I never knew</h5>
    <p class="card-text">Yet another book from the treasure trove of Sudha ...</p>
    <a href="/readmore/43" class="btn btn-primary">Read More</a>
  </div>
</div>
</div>
</div>
</div>
```

```

<button class="prev_button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Previous</span>
</button>

<button class="next_button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
  <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Next</span>
</button>
</div>

<!--Best Sellers Book-->
<div class="Bestseller">
  <h1>Bestseller:</h1>
  {% for book in books %}
  {% if book.category=='bestseller' %}
  <div class="cards">
    <div class="image">
      
    </div>
    <div class="title">
      <h3>{{book.name}}</h3>
    </div>
    <h4>Price:{{book.price}}</h4>
    <div class="description">
      <p>{{book.description[0:70] }}...</p>
      <button><a href="{{ url_for('readmore',id=book.book_id) }}" style="text-decoration: none; color:
black;"> Read More.</a></button>
    </div>
  </div>
  {% endif %}
  {% endfor %}
</div>

```

```

<!--New Releases Book-->
<div class="new_releases">
    <h1>New Releases:</h1>
    {% for book in books %}
    {% if book.category=='newreleases' %}

    <div class="cards">

        <div class="image">


        </div>

        <div class="title">

            <h3>{{book.name}}</h3>

        </div>

        <h4>Price:{{book.price}}</h4>

        <div class="description">

            <p>{{book.description[0:70] }}...</p>

            <button><a href="{{ url_for('readmore',id=book.book_id) }}" style="text-decoration: none; color:
black;"> Read More.</a></button>

        </div>

    </div>

    {% endif %}
    {% endfor %}
</div>

</body>

{% endblock %}

```

3.Login.html

```
{% extends "layout.html" %}

{% block body %}

<body>

    <form action="/login" method="post">

        <div class="pic">

            <div class="container">

                <div class="login">

                    <h1>Login</h1>

                    <form action="{{ url_for('login') }}" method="post">

                        <label for="email">

                            Email

                        </label><br>

                        <input type="text" class="shape" name="email" placeholder=" Enter Your Email">

                        <br><br>

                        <label for="Password">

                            Password

                        </label><br>

                        <input type="password" class="shape" name="password" placeholder=" Enter valid
password" >

                        <div class="msg">{{ msg }}</div>

                        <br><br>

                        <button class="login-btn" name="login">Login</button>

                        {% for message in get_flashed_messages() %}

                        <div class="alert alert-primary" role="alert">

                            {{ message }}

                        </div>
```



```

        {% endfor %}

        <p> New here then create account? </p>

        <button class="signup-btn"><a href="signup" style="color: black;">Sign
Up</a></button>

        <p> <a href="/getotp" style="color:rgb(255, 250, 250)">Forgot Password ?</a></p>

        <br>

    </form>

</div>

</div>

</div>

{% endblock %}

</body>

```

4.Signup.html

```

{% extends "layout.html" %}

{% block body %}

</script>

<body>

    <div class="pic">

        <div class="container">

            <div class="signup">

                <h3>Create A New Account</h3>

                <form action="{{ url_for('signup') }}" method="post">

                    <label for="name">

                        Name

                    </label><br>

                    <input type="text" class="shape" name="username" placeholder=" Enter Your Name">

                    <br><br><br>

```

```

        <label for="email">
            Email
        </label><br>

        <input type="email" class="shape" name="email" placeholder=" Enter Your Email">

        <br><br><br>

        <label for="password">
            Password
        </label><br>

        <input type="password" class="shape" name="password" placeholder=" Enter Your
Password">

        <br><br><br>

        <button class="login-btn" id="submit" name="submit">Submit</button>

        {% for message in get_flashed_messages() %}

        <div class="alert alert-primary" role="alert">

            {{ message }}

        </div>

        {% endfor %}

    </form>

</div>

</div>

</div>

</body>

{% endblock %}

```

5.forgot_password.html

```

{% extends "layout.html" %}

```

```
{% block body %}

<body>

  <div class="pic">

    <div class="container">

      <div class="resetpass">

        <h3>Reset Password</h3>

        <form action="/forgot_password" method="post">

          <label for="email">

            Email

          </label><br>

          <input type="email" class="shape" name="email" placeholder=" Enter Your Email">

          <br><br>

          <button class="login-btn" type="submit"><a style="color: black;">Genrate OTP
</a></button>

        </form>

      </div>

    </div>

  </div>

</body>

{% endblock %}
```

6.otp_generation.html

```
{% extends "layout.html" %}

{% block body %}

<body>

  <div class="pic">

    
```

```
<div class="container">

  <div class="resetpass">

    <h3>OTP Generation</h3>

    <form action="/otp_generation" method="post">

      <label for="otp">

        OTP

      </label><br>

      <input type="number" name="otp" class="shape" placeholder="Enter OTP here">

      <br><br>

      <label for="password">

        Password

      </label><br><br>

      <input type="password" name="password" class="shape" placeholder=" Enter Your
Password">

      <br><br>

      <label for="Confirm_password">

        Confirm Password

      </label><br><br>

      <input type="password" name="confirm_password" class="shape"
placeholder="Enter Your Password Again">

      <br><br><br>

      <button class="login-btn">Submit</button>

      {% for message in get_flashed_messages() %}

      <div class="alert alert-success" role="alert">

        {{ message }}

      </div>

      {% endfor %}

    </form>

  </div>

</div>
```

```
</div>
</body>
{% endblock %}
```

7.search.html

```
{% extends 'layout.html' %}
{% block body %}
<form class="search" method="post" action="/search">
    <input class="formcontrol" type="search" name="search" placeholder="Search" aria-label="Search"
        style="height: 35px; width:500px;">
    <button class="btn" type="submit" style="height:35px" padding-inline="60px">Search</button>
</form>
<div class="search_container">
    {% for book in books %}
    <div class="cards">
        <div class="image">
            
        </div>
        <div class="title">
            <h3>{{book.name}}</h3>
        </div>
        <h5>Price:{{book.price}}</h5>
        <div class="description">
            <p>{{book.description[0:70]}}...</p>
            <button><a href="{{ url_for('readmore',id=book.book_id) }}" style="text-decoration: none;">
Read
                More..</a></button>
            </div>
        </div>
    </div>
```

```
</div>

{% endfor %}

{% for message in get_flashed_messages() %}

<h3> {{ message }}</h3>

{% endfor %}

{% endblock %}
```

8. error.html

```
{% extends "layout.html" %}

{% block body %}

<div class="error_bg">

    <div class="container_error">

    </div>

</div>

{% endblock %}
```

9. about.html

```
{% extends "layout.html" %}

{% block body %}

<header>

    <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>Document</title>

    <link rel="stylesheet" href=" {{url_for('static',filename='css/style.css' ) }}">
```

<div class="about">

<p>About Us</p>

</div>

</header>

<body>

<div class="about_content">

<h4> "Books are a uniquely portable magic"</h4>

<h5> Dear Readers,</h5>

<p>

We offer a tremendous gathering of books in the various classifications of Fiction, Non-fiction. We likewise

move in immense accumulation of Investments and Management, Computers, Engineering, Medical, College and

School content references books proposed by various foundations as schedule the nation over.</p>

<p>

We endeavor to broaden consumer loyalty by providing food simple easy using web indexes, brisk and

easy-to-understand installment alternatives, and snappier conveyance frameworks. Upside to the majority of

this, we are arranged to give energizing offers and charming limits on our books.</p>

<p>

Too, we modestly welcome every one of the merchants around the nation to band together with us. We will

without a doubt give you the stage to many shimmering areas and develop the "Organization Name" family. We

might want to thank you for shopping with us. You can keep in touch with us for any new musings at

“readerscafe.8926@gmail.com” or visiting contact us page in our website helping us to ad-lib for the peruser

fulfillment.</p>

</div>

{% endblock %}

</body>

10. contact.html

{% extends "layout.html" %}

{% block body %}

<body>

<div class="cont_container">

<div class="contact">

<p> Contact Us </p>

</div>

<form name="sentmessage" id="contactform" action="/contact" method="post" novalidate>

<label class="lbl" for="fname">

Name

</label>

<input class="textare" type=" text" id="fname" name="name" placeholder="Your name..">

<label class="lbl" for="lname">

Phone Number


```

</label>

<br><br>

<input class="textare" type="number" id="phone" name="phone" placeholder="Enter Phone
number">

<br><br>

<label class="lbl" for="lname">

    Email ID

</label>

<br><br>

<input class="textare" type="email" id="email" name="email" placeholder="Enter email id..">

<br><br>

<label class="lbl" for="subject">

    Message

</label>

<br>

<br>

<textarea class="textare" id="subject" name="message" placeholder="Write something.."
    style="height:200px"></textarea>

<br> <br>

<button class="s-btn" name="Submit" type="submit" value="Submit"> Submit </button>

<button class="s-btn1" name="Cancel" type="reset" "Cancel"> Cancel </button>

<br>

<br>

<br>

{% for message in get_flashed_messages() %}

<script>

    alert('{{ message }}')
```

```
</script>
```

```
{% endfor %}
```

```
</form>
```

```
</div>
```

```
</body>
```

```
{% endblock %}
```

11. fiction.html

```
{% extends "layout.html" %}
```

```
{% block body %}
```

```
<body>
```

```
    <form class="search" method="post" action="/search">
```

```
        <input class="formcontrol" type="search" name="search" placeholder="Search"
        aria-label="Search"
```

```
            style="height: 35px; width:500px;">
```

```
        <button class="btn" type="submit" style="height:35px" padding-inline="60px">Search</button>
```

```
    </form>
```

```
<div class="home">
```

```
    
```

```
    <div class="centered_f" >Fiction </div>
```

```
    <div class="left_f">
```

```
        <p>Reveals truths that reality obscures....</p></div>
```

```
</div>
```

```
</div>
```

```
{% for book in books %}

<div class="cards">

  <div class="image">

  </div>

  <div class="title">

    <h3>{{book.name}}</h3>

  </div>

  <h5>Price:{{book.price}}</h5>

  <div class="description">

    <p>{{book.description[0:70]}}...</p>

    <button><a href="{{ url_for('readmore',id=book.book_id) }}" style="text-decoration: none; color:
black;"> Read More.</a></button>

  </div>

</div>

{% endfor %}

</body>

{% endblock %}
```

12.non_fiction.html

```
{% extends "layout.html" %}

{% block body %}

<body>

  <form class="search" method="post" action="/search">

    <input class="formcontrol" type="search" name="search" placeholder="Search"
aria-label="Search"

    style="height: 35px; width:500px;">

    <button class="btn" type="submit" style="height:35px" padding-inline="60px">Search</button>
```

```

    </form>

<div class="home">



<div class="centered_f" >Non-Fiction </div>

<div class="left_f"> In the end we'll all become stories....</div>

</div>

</div>

{% for book in books %}

<div class="cards">

    <div class="image">

    </div>

    <div class="title">

        <h3>{{book.name}}</h3>

    </div>

    <h5>Price:{{book.price}}</h5>

    <div class="description">

        <p>{{book.description[0:70]}}...</p>

        <button><a href="{{ url_for('readmore',id=book.book_id) }}" style="text-decoration: none;
color:black ;"> Read More..</a></button>

    </div>

</div>

{% endfor %}

</body>

{% endblock %}

```

13.readmore.html

```

{% extends "layout.html" %}

{% block body %}

```

```
<body>

  <div class="readmore">

    <div class="card_container">

      <div class="left_card">

      </div>

      <div class="right_card">

        <p>

          <h3>{{ book.name }} </h3>

        </p>

        <div class="descript">

          <p> {{ book.description [0:500]}}</p>

        </div>

        <p><b>Author:</b>

          {{ book.author_name }}

        </p>

        <p>

          <b>Price: </b>

          {{ book.price }}

        </p>

        <p>

          <b>Language:</b>

          {{ book.language }}

        </p>

        <p>

          <b>Pages:</b>

          {{ book.pages }}

        </p>

      </div>

    </div>

  </div>

</body>
```

```

    </p>

    <p>

        <b>Type:</b>

        {{ book.type }}

    </p>

    <button class="addcart" name="addcart"><a href="/addcart/{{ book.book_id }}"
style="text-decoration: none; color: black;">Add To Cart</a></button>

</div>

</div>

</div>
</body>
{% endblock %}

</html>

```

14.cart.html

```

{% extends "layout.html" %}

{% block body %}

<body>

    <div class="cart_back">

        <div class="cart-box">

            <h1>Shopping Cart</h1>

            <div class="project">

                <div class="shop">

                    {% for book in books %}

                        <div class="box">

```


<div class="content_cart">

<h5> {{book.name}}</h5>

<h6>Price:{{book.price}} </h6>

<p class="unit">Quantity:<input value="1"></p>

<p class="btn_cart">

<button class="btn_remove">Remove</button>

</p>

</div>

</div>

{% endfor %}

</div>

<div class="right_bar">

<p>Subtotal:{{total_price}} Rs</p>

<hr>

<p>Shipping:25 Rs</p>

<hr>

<p>Total={{ total_price+25 }} Rs</p>

<i class="shopping-cart"></i>Checkout

</div>

</div>

</div>

</div>

</body>

{% endblock %}

</html>

15.checkout.html

{% extends "layout.html" %}

{% block body %}

<body>

<div class="chechout_bg">

<div class="container_check">

<div class="left_check">

<h3>BILLING ADDRESS</h3>

<form action="/checkout" method="post">

Full name

<input type="text" name="name" placeholder="Enter Name" required>

Email

<input type="text" name="email" placeholder="Enter Email" required>

Address

<input type="text" name="address" placeholder="Enter Address" required>

City

<input type="text" name="city" placeholder="Enter City" required>

</div>

<div class="right_check">

<div id="label1">

<label>


```
<p> State</p>

<select>

    <option>Choose State</option>

    <option>Maharashtra</option>

    <option>Gujarat</option>

    <option>Andhrapradesh</option>

    <option>Tamilnadu</option>

    <option>Kerala</option>

    <option>Karnataka</option>

    <option>Punjab</option>

    <option>Bengol</option>

</select>

</label>

<label>

    <p> Zip code</p>

    <input type="number" name="" placeholder="ZipCode">

</label>

</div>


<br><br>

<h3>PAYMENT</h3>

<br>

<input type="radio" id="rd1" name="" value="" required>

<label for="html">Cash On Delivery</label>

<br><br>

<button name="ok" class="ok">OK</button>

</div>

{% for message in get_flashed_messages() %}
```

```
<script>

    alert("{{ message }}")

</script>


{% endfor %}


</form>

</div>

</div>

</div>

</body>

{% endblock %}


</html>
```

16.style.css

```
* {

    margin: 0;

    padding: 0;

    max-width: 100%;

}


main {

    max-height: max-content;

}


/* Crousal */
```

```
.cards-wrapper
{
    display: flex;

}

.card{
    left: 300px;
    margin: 0.7em;
    width: calc(100%/3);
    height: 350px;;

}

.prev_button{
    background-color: #020a0c;
    margin-left: 740px;
}

.next_button{
    background-color: #020a0c;
}

.image-wrapper
{
    height: 10vw;
    display: flex;
    align-items: center;
    justify-content: center;

}

.image-wrapper img
{
```

```
    max-width: 100%;  
    max-height:100%;  
}  
.pages {  
    z-index: 2;  
    position: absolute;  
    list-style: none;  
    padding-left: 950px;  
}  
.pages nav ul li a {  
    color: rgb(0, 0, 0);  
    text-decoration: none;  
}
```

```
nav ul li {  
    display: inline;  
    font-size: larger;  
    font-style: normal;  
    position: relative;  
    padding: 10px;  
    transition: 0.8s ease;  
}
```

```
nav ul li:hover {  
    background-color: darkcyan;  
    transition: 0.8s ease;  
}
```

```
.submenu {
```

```
float: right;
display: none;
}
```

```
.pages nav ul li:hover .submenu {
display: block;
background-color: darkcyan;
position: absolute;
font-size: medium;
background: transparent;
}
```

```
.pages nav ul li:hover .submenu ul {
display: block;
margin: 10px;
}
```

```
.pages nav ul li:hover .submenu {
background: transparent;
transition: 0.8s ease;
}
```

```
.search_container{
margin-left: 10rem;
margin-top: 2rem;
display: inline-block;
}
```

```
.search {
z-index: 2;
```

```
position: absolute;
text-align: center;
justify-items: center;
top: 00%;
padding-top: 5px;
padding-left: 400px;
}
```

```
.formcontrol {
border-radius: 10px;
}
```

```
.btn {
margin-top: 00px;
text-align: center;
justify-content: center;
justify-items: center;
position: absolute;
border-radius: 10px;
}
```

```
.btn:hover {
background-color: darkcyan;
}
```

```
.logo img{
position: absolute;
top: -190px;
left: -130px;
float: left;
```

```
width: 400px;

height: 500px;

z-index: 2;

}

/*reader cafe*/

.heading{

    z-index: 2;

    top: 16%;

    position: absolute;

    color:rgb(108, 41, 10);

    font-family: Brush Script MT, Brush Script Std, cursive ;

    font-size:larger;

}

/*home page*/

/*bestseller heading*/

.heading_home p{

    z-index: 2;

    top: 20%;

    left: 40%;

    position: absolute;

    color:rgb(99, 14, 5) ;

    font-family: Brush Script MT, Brush Script Std, cursive ;

    font-size: 8ch;

}

.home img {

    padding:0px;

    height: 70vh;

    width: 100vw;

    position: relative;
```

```
z-index: -10;

top: 00%;

}

.quote{

  position: absolute;

  top: 37%;

  font-size: xx-large;

  padding-left: 700px;

  color:darkslateblue;

  font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;

}


.Bestseller {

  font-weight: bold;

  color: tomato;

  font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;

}

.cards {

  width: 20vw;

  margin: 40px;

  font-family: sans-serif;

  display: inline-block;

}

.cards:hover {

  box-shadow: 5px 5px 15px black;

  transition: 0.2s ease;

}
```



```
.cards .image img {  
    width: 100%;  
    height: 100%;  
    object-fit: cover;  
}
```

```
.title {  
    text-align: center;  
    color: tomato;  
}
```

```
.cards h4{  
    text-align: center;  
    color:black;  
}
```

```
.description {  
    text-align: center;  
    color: #020a0c;  
}
```

```
button {  
    margin-top: 20px;  
    margin-bottom: 20px;  
    padding: 10px;  
    background-color: darkcyan ;  
    color: black;  
    cursor: pointer;  
}
```

```
.description button:hover {
```

```
color: white;

transition: 0.5s ease;
}

.new_releases {
    font-weight: bold;

    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;

    color: tomato;
}

.trending {
    font-weight: bold;

    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;

    color: tomato;
}

/* Fiction-Non Fiction */

.cards h5{
    text-align: center;

    color:black;
}

.centered
{
    position: absolute;

    top: 20%;

    left: 40%;

    transform: translate(-50%, -50%);

    font-size:100px;

    font-family:Georgia, 'Times New Roman', Times, serif;

    color: rgb(4, 4, 4);
```

```
}  
.right {  
    position: absolute;  
    top: 33%;  
    right: 200px;  
    font-size: xx-large;  
    font-family: cursive;  
    transform: translate(-50%, -50%);  
}  
.centered_f{  
    position: absolute;  
    top: 25%;  
    left: 55%;  
    transform: translate(-50%, -50%);  
    font-size:100px;  
    color: rgb(0, 0, 0);  
    font-family:Georgia, 'Times New Roman', Times, serif;  
  
}  
.left_f{  
    position: absolute;  
    top: 40%;  
    left: 60%;  
    font-size: xx-large;  
    font-family: cursive;  
    color:rgb(0, 0, 0);  
    transform: translate(-50%, -50%);  
}  
/*about page*/
```

```
.about {  
  z-index: -1;  
}
```

```
.about img {  
  height: 70vh;  
  width: 100vw;  
  position: relative;  
  top: 00%;  
}
```

```
.about p {  
  position: absolute;  
  font-size: 2cm;  
  left: 250px;  
  color: rgb(94, 53, 53);  
  margin-top: 110px;  
  top: 00%;  
}
```

```
.about_content p {  
  margin-left: 35px;  
  margin-top: 25px;  
  font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;  
  font-size: 20px;  
}
```

```
.about_content h4 {  
  text-align: center;  
}
```

```
/*login page*/
```

```
.pic img {  
    position: relative;  
    height: 100vh;  
    width: 100vw;  
}
```

```
.container .login {  
    position: absolute;  
    top: 15%;  
    width: 20vw;  
    height: 85vh;  
}
```

```
.container {  
    flex-wrap: wrap;  
    justify-content: center;  
    display: flex;  
}
```

```
.login h1 {  
    color: #ffffff;  
    align-items: center;  
    justify-content: center;  
    padding-bottom: 30px;  
    margin-left: 80px;  
}
```

```
.login {
```

```
background-color: #000000;

position: absolute;

justify-content: center;

padding: 30px;

border-radius: 10px;

}
```

```
.login label {

    color:rgb(255, 255, 255);

}
```

```
.shape {

    outline: none;

    border: none;

    border-radius: 5px;

    height: 30px;

    width: 100%;

}
```

```
.login-btn {

    background-color: darkcyan;

    border: none;

    border-radius: 20px;

    width: 100%;


    font-weight: bold;

}
```

```
.container .signup {
```

```
    position: absolute;

    top: 20%;

    width: 20vw;

    height: 80vh;
}
```

```
.signup h3 {

    color: azure;

    align-items: center;

    justify-content: center;

    padding-bottom: 30px;

    margin-left: 50px;
}
```

```
.signup {

    background-color: rgb(0, 0, 0);

    position: absolute;

    justify-content: center;

    padding: 30px;

    border-radius: 10px;
}
```

```
.signup label{

    color: rgb(255, 255, 255);
}
```

```
.container .resetpass {

    position: absolute;

    top: 10%;

    width: 20vw;
```

```
    height: 80vh;  
}
```

```
.resetpass {  
    background-color: rgba(0, 0, 0, 0.8);  
    position: absolute;  
    justify-content: center;  
    padding: 29px;  
    border-radius: 10px;  
}
```

```
.resetpass h3 {  
    color: azure;  
    align-items: center;  
    justify-content: center;  
    padding-bottom: 30px;  
}
```

```
.resetpass label{  
    color: azure;  
}
```

```
.login p {  
    color: rgb(255, 255, 255);  
    padding-top: 30px;  
}
```

```
.login a {  
    text-decoration: none;  
}
```



```
.signup-btn {  
    background-color: darkcyan;  
    border: none;  
    border-radius: 20px;  
    width: 100%;  
    font-weight: bold;  
}
```

```
.forgotpassword-btn {  
    border-radius: 20px;  
    border: none;  
    width: 100%;  
}
```

```
.forgotpassword-btn:hover {  
    background-color: azure;  
    color: black;  
}
```

```
.previous {  
    background-color: #f1f1f1;  
    color: black;  
}
```

```
.round {  
    border-radius: 50%;  
}
```

```
/*contact page*/
```

```
.cont_container{
```

```
        overflow-x: hidden;
    }

    .contact img {
        height: 80vh;
        width: 100vw;
        top: 00%;
    }

    .contact p {
        position: absolute;
        font-size: 2cm;
        right: 220px;
        color: rgb(42, 37, 37);
        margin-top: 80px;
        top: 00%;
    }

    .lbl {
        font-size: larger;
        position: relative;
        margin-left: 550px;
        bottom: 0;
        width: 100%;
    }

    .textarea {
        align-items: center;
        justify-content: center;
        display: block;
        margin-left: 550px;
        margin-right: 300px;
    }
```

```
width: 600px;

border-radius: 25px;

border: 2px solid rgb(7, 7, 7);

padding: 20px;

height: 15px
}
```

```
.s-btn {

margin-left: 550px;

justify-content: center;

border-radius: 20px;

border: none;

width: 200px;

height: 50px;

background-color: darkcyan;

border: none;

font-size: large;

font-weight: bold;

z-index: 2;

}
```

```
.s-btn1 {

margin-left: 200px;

justify-content: center;

border-radius: 20px;

border: none;

width: 200px;

height: 50px;

background-color: darkcyan;

border: none;
```

```
font-size: large;

font-weight: bold;

z-index: 2;

}
```

```
/*cart*/
```

```
.cart_back{

background-color: #ffffff;

height: 100vh;

text-align: center;

width: 100vw;

}
```

```
.cart_box{

background-color: #020a0c;

max-width: 900px;

max-height: 800px;

display: flex;

justify-content: space-between;

align-items: flex-start;

padding: 0.5rem 1.5rem;

}
```

```
.cart_box h1{

padding: 30px 0 ;

text-align: center;

justify-content: center;

}
```

```
.project{

max-width: 750px;

max-height: 500px;
```

```
display: flex;

justify-content: space-between;

align-items:center;

padding: 0.5rem 1.5rem;

margin-left: 230px;

margin-top: 60px;
}

.shop{

flex-basis: 75%;
}

.box{

display: flex;

width: 700px;

height:120px;

overflow: hidden;

margin-bottom: 20px;

background: #fff;

transition: all .6s ease;

box-shadow: rgba(100,100,111,0.2) 0 7px 29px 0;
}

.box:hover{

transform: scale(1.03);
}

.box img{

width: 20%;

height: 100%;

object-fit: fit;
}

.content_cart{
```

```
padding: 20px;

position: relative;

width: 100%;
}

.content_cart h5{

text-align: left;

margin-top: 0px;

margin-left: 00px;
}

.content_cart h6{

text-align: left;

margin-top: 5px;

margin-bottom: 20px;
}

.btn_cart{

position: absolute;

bottom: 10px;

right: 20px;

padding: 10px 25px;

cursor: pointer;

border-radius: 5x;

font-weight: 400;
}

.unit {

top:20px;

position: absolute;

bottom: 10px;

right: 220px;

padding: 10px 25px;
```

```
width: 80px;
padding: 10px;
text-align: center;
}
```

```
.btn_cart i{
margin-right: 10px;
}
```

```
.right_bar{
flex-basis: 25%;
margin-left: 20px;
padding: 20px;
height: 400px;
border-radius: 5px;
background: #fff;
box-shadow: rgba(100,100,111,0.2) 0 7px 29px 0;
}
```

```
.right_bar hr{
margin-bottom: 25px;
}
```

```
.right_bar p{
display: flex;
justify-content: space-between;
margin-bottom: 30px;
font-size: 20px;
}
```

```
.right_bar a{
background-color: #76bfb6;
color: rgb(24, 6, 6);
```

```
text-decoration: none;

display: block;

text-align: center;

height: 40px;

line-height: 40px;

font-weight: 900;
}

.right_bar i{

margin-right: 15px;
}

.right_bar a: hover{

background-color: rgb(11, 79, 80);

color: #fff;
}
```

```
/*checkout*/

.chechout_bg{

width: 100vw;

height: 100vh;

display: flex;

justify-content:center;

align-items: center;

background-color:gray;
}

.container_check{

background: #fff;

max-width: 750px;

max-height: 500px;

display: flex;
```



```
    justify-content: space-between;

    align-items: flex-start;

    padding: 0.5rem 1.5rem;

}

.left_check{

    flex-basis: 50%;

    margin-right: 1.6rem;

}

.right_check{

    flex-basis: 50%;

}


h3{

    margin-top: 1rem;

    color:rgb(210, 87, 39);

}

form input[type="text"]{

    width: 100%;

    padding: 0.5rem 0.7rem;

    margin: 0.5rem 0;

    outline: none;

    border:1px solid #000000;

}

label p{

    color: black;

    margin-left: 15px;

}

#label1{
```

```
display: flex;

margin-top: 0.5rem;
}

#label1 select{

padding: 0.5rem 0.7rem;
}

#label1 input[type="number"]{

padding: 0.5rem 0.6rem;

margin-left: 3px;

border:1px solid #000000;
}

#label2 input[type="number"]{

padding: 0.5rem 0.6rem;

margin-top: 25px;

border:1px solid #000000;
}

.ok{

display: block;

font-size:larger ;

padding: 1rem;

background:rgb(47, 100, 100);

color: white;

margin-top: 0.01rem;

margin-left: -2px;

cursor: pointer;

border-radius: 3px;

width: 120px;

height: 55px;

border: 1px solid rgb(84, 81, 81);
```

```
text-align: center;

transition: .2s;

}

.ok:hover{

    background: darkslategrey;

    font-size:x-large ;

    color: aliceblue;

}

/*popup*/

.popup_center,.popup_content{

    position: absolute;

    top: 70%;

    left: 70%;

    transform: translate(-50%, -50%);

    width: 300px;

    height: 100px;

}

#click{

    display: none;

}

.popup_content{

    opacity: 0;

    visibility: hidden;

    width: 1500px;

    height: 250px;

    background: whitesmoke;

    border-radius: 5px;

    box-shadow: 0 2px 12px 0 rgba(0,0,0,.4);
```

```
}  
  
#click:checked ~ .popup_content{  
    opacity: 1;  
    visibility: visible;  
}  
  
.popup_header{  
    height: 70px;  
    background:rgb(176, 237, 217);  
    overflow: hidden;  
    border-radius: 3px 3px 0 0;  
    box-shadow: 0 2px 12px 0 rgba(0,0,0,.2);  
}  
  
.popup_header h2{  
    margin-left: 5rem;  
    color: rgb(11, 16, 16);  
    padding: 1.5rem;  
    font-weight: normal;  
}  
  
.pop_para p{  
    padding-top: 10px;  
    font-size: 30px;  
    color:black;  
    text-align: center;  
  
}  
  
.line{  
    position: absolute;  
    bottom: 70px;  
    width: 100%;
```

```
height: 2px;

background: rgb(130, 123, 123);
}

.close-btn{

position: absolute;

bottom: 12px;

right: 25px;

border: 1px solid rgb(6, 95, 65);

border-radius: 3px;

color: rgb(3, 79, 54);

padding: 8px 10px;

font-size: 25px;

cursor: pointer;

margin-top: 15px;

}

.close-btn:hover{

background: rgb(153, 219, 197);

color: black;

transition: .5s;

}

/*readmore*/

.readmore{

width: 100vw;

height: 100vh;

display: flex;

justify-content:center;

align-items: center;

background-color:aqua;

}
```

```
.card_container{
  justify-content: space-between;
  align-items: flex-start;
  width: 850px;
  height: 600px;
  margin-top: 50px;
  padding: 0.7rem 1.5rem;
  display: flex;
  background-color: whitesmoke;
}

.left_card{
  flex-basis: 50%;
  margin-right: 1.6rem;
}

.right_card{
  flex-basis: 50%;
}

.right_card p{
  margin-top: 1rem;
}

.descript{
  font-size: medium;
  font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva,
  Verdana, sans-serif;
}

.addcart{
  background-color: darkcyan;
  color: #000000;
  border: none;
  border-radius: 20px;
```

```
width: 80%;  
font-weight: bold;  
}  
.addcart:hover{  
    box-shadow: 5px 5px 15px black;  
}
```

```
/*footer*/  
footer {  
    text-align: center;  
    background-color: darkcyan;  
    color: black;  
    font-size: 3ch;  
    font-weight: bolder;  
    height: 180px;  
    width: 100vw;  
    padding-top: 13px;  
}
```

```
.footerlogo img {  
    text-align: center;  
    justify-content: center;  
    justify-items: center;  
    height: 40px;  
    width: 40px;  
    padding-top: 7px;  
}
```

```
/* Error page! */
```

```
.error_bg{
  width: 100vw;
  height: 100vh;
  display: flex;
  justify-content:center;
  align-items: center;
  background-color: rgb(95, 100, 104);
}

.container_error{

  max-width: 750px;
  max-height: 500px;
  display: flex;
  justify-content: space-between;
  align-items: flex-start;
  padding: 0.5rem 1.5rem;

}
```

17.config.json

```
{
  "params":
  {
    "local_server":"True",
    "local_uri": "mysql://root:@localhost/readers_cafe",
    "prod_uri":"mysql://root:@localhost/readers_cafe",
    "fb_url":"https://facebook.com/reder",
```



```

"tw_url": "https://twitter.com/readerscafe",
"gh_url": "https://github.com/readerscafe",
"blog_name": "Readers cafe",
"tag_line": "Heaven for programmers",
"gmail_user": "readerscafe.8926@gmail.com",
"gmail-password": "nsk_8926"
}

```

18.main.py

```

from flask import Flask, render_template, request, redirect, url_for, flash, session
from datetime import datetime
from flask_mail import Mail
from flask_sqlalchemy import SQLAlchemy
import random
import json

with open('config.json', 'r') as c:
    params = json.load(c)["params"]

local_server = True

app = Flask(__name__, template_folder='./templates', static_folder='./static')
app.secret_key = 'super secret key'
app.config['SQLALCHEMY_DATABASE_URI'] = 'mysql://root:@localhost/readers'
app.config["SQLALCHEMY_TRACK_MODIFICATION"] = False
app.config["SESSION_PERMANENT"] = False
app.config["SESSION_TYPE"] = "filesystem"

db = SQLAlchemy(app)

```

```
app.config.update(
    MAIL_SERVER='smtp.gmail.com',
    MAIL_PORT='465',
    MAIL_USE_SSL=True,
    MAIL_USERNAME=params['gmail_user'],
    MAIL_PASSWORD=params['gmail-password']
)
mail = Mail(app)
```

```
class Users(db.Model):
    user_id = db.Column(db.Integer, primary_key=True)
    username = db.Column(db.String(100), nullable=True)
    email_id = db.Column(db.String(50), nullable=True)
    password = db.Column(db.String(100), nullable=True)
    date = db.Column(db.DateTime, nullable=True, default=datetime.now())
    cart = db.relationship('Cart', backref='user')
```

```
class Books(db.Model):
    # __searchable__ = ['name', 'author_name']

    book_id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(20), nullable=True)
    author_name = db.Column(db.String(50), nullable=True)
    description = db.Column(db.String(1000), nullable=True)
    category = db.Column(db.String(50), nullable=True)
    type = db.Column(db.String(50), nullable=True)
    price = db.Column(db.String(10), nullable=True)
```

```
date = db.Column(db.DateTime, nullable=True, default=datetime.now())
img_name = db.Column(db.String(100), nullable=True)
language = db.Column(db.String(30), nullable=True)
pages = db.Column(db.Integer, nullable=True)
cart = db.relationship('Cart', backref='book')
```

```
class Contacts(db.Model):
```

```
    sno = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(80), nullable=True)
    phone_num = db.Column(db.String(10), nullable=True)
    msg = db.Column(db.String(120), nullable=True)
    date = db.Column(db.DateTime, nullable=True, default=datetime.now())
    email = db.Column(db.String(20), nullable=False)
```

```
class Cart(db.Model):
```

```
    cart_id = db.Column(db.Integer, primary_key=True)
    book_id = db.Column(db.Integer, db.ForeignKey(Books.book_id))
    date = db.Column(db.DateTime, nullable=True, default=datetime.now())
    user_id = db.Column(db.Integer, db.ForeignKey(Users.user_id))
```

```
db.create_all()
```

```
@app.route('/')
```

```
def home():
```

```
    books = Books.query.all()
```

```
    return render_template("home.html", books=books)
```

```
@app.route('/search', methods=['POST', 'GET'])
```

```
def search():
```

```
    query = request.form.get('search')
```

```
    books = Books.query.filter((Books.name == query) | (Books.author_name == query)).all()
```

```
    if books:
```

```
        return render_template("search.html", books=books)
```

```
    else:
```

```
        return render_template("error.html")
```

```
@app.route('/about')
```

```
def about():
```

```
    return render_template("about.html")
```

```
@app.route('/login', methods=['GET', 'POST'])
```

```
def login():
```

```
    if request.method == 'POST':
```

```
        email = request.form.get('email')
```

```
        password = request.form.get('password')
```

```
        user = Users.query.filter_by(email_id=email).first()
```

```
        if user.password == password:
```

```
            # flash('Login Successful')
```

```
    session['login'] = True

    session['email'] = email

    return redirect('/')

else:

    flash('Login Unsuccessful. Please check email and password')

return render_template('login.html')
```

```
@app.route('/logout', methods=['GET', 'POST'])
```

```
def logout():
```

```
    session['login'] = False

    return redirect('/')
```

```
@app.route('/signup', methods=['GET', 'POST'])
```

```
def signup():
```

```
    if request.method == 'POST':

        username = request.form.get('username')

        email = request.form.get('email')

        password = request.form.get('password')

        user_object = Users.query.filter_by(email_id=email).first()

        if user_object:

            flash('User With this Email id is already exists!', 'error')

            return render_template("signup.html")

        else:

            user = Users(username=username, email_id=email, password=password)

            db.session.add(user)

            db.session.commit()
```

```

        if request.form.get('submit'):
            flash('Registration done!')
            return redirect(url_for('home'))

    return render_template("signup.html")

@app.route('/forgot_password', methods=['POST'])
def f_pass():
    if request.method == 'POST':
        email = request.form.get('email')
        user_object = Users.query.filter_by(email_id=email).first()
        if user_object is None:
            flash("No such account exists")
            return redirect(url_for('signup'))
        else:
            otp = random.randint(1111, 9999)
            session['otp'] = otp
            session['email'] = email
            print(type(otp), type(email))
            mail.send_message("Mail from Readers Cafe ", sender=params['gmail_user'],
recipients=[email],
                                body=f"Your otp is :{otp}")
            return redirect("/otp_generation")
    return render_template("forgot_password.html")

@app.route('/otp_generation', methods=['GET', 'POST'])
def otp_gen():
    if request.method == 'POST':

```

```

u_otp = request.form.get('otp')

n_password = request.form.get('password')

if u_otp == str(session["otp"]):

    user = Users.query.filter_by(email_id=session["email"]).first()

    user.password = n_password

    db.session.commit()

    flash("Password Updated")

return render_template('otp_generation.html')

```

```

@app.route('/contact', methods=['GET', 'POST'])
def contact():

    if request.method == 'POST':

        name = request.form.get('name')

        email = request.form.get('email')

        phone = request.form.get('phone')

        message = request.form.get('message')

        entry = Contacts(name=name, phone_num=phone, msg=message, date=datetime.now(),
email=email)

        db.session.add(entry)

        db.session.commit()

        mail.send_message(subject=f"Mail from {name}",
body=f"Name:{name}\nE-mail:{email}\nPhone:{phone}\n\n\n{message}"

, sender=email, recipients=[params['gmail_user']])

    if request.form.get('Submit'):

        flash('Feedback send Successfully')

return render_template("contact.html", params=params)

```

```
@app.route('/fiction')
```

```
def fiction():
```

```
    books = Books.query.filter_by(type='fiction').all()
```

```
    return render_template("fiction.html", books=books)
```

```
@app.route('/nonfiction')
```

```
def nonfiction():
```

```
    books = Books.query.filter_by(type='nonfiction').all()
```

```
    return render_template("non_fiction.html", books=books)
```

```
@app.route('/readmore/<int:id>', methods=['GET', 'POST'])
```

```
def readmore(id):
```

```
    book = Books.query.filter_by(book_id=id).first()
```

```
    return render_template("readmore.html", book=book)
```

```
@app.route('/getotp')
```

```
def getotp():
```

```
    return render_template("forgot_password.html")
```

```
@app.route('/addcart/<int:id>', methods=['GET'])
```

```
def addcart(id):
```

```
    if session['login']:
```

```
        user = Users.query.filter_by(email_id=session['email']).first()
```

```
        book = Books.query.filter_by(book_id=id).first()
```



```
book = Cart(book=book, user=user)
```

```
db.session.add(book)
```

```
db.session.commit()
```

```
return redirect("/cart")
```

```
return redirect('/login')
```

```
@app.route('/cart', methods=['GET'])
```

```
def cart():
```

```
    cart_books = []
```

```
    total_price = 0
```

```
    if session['login']:
```

```
        # print(session['email'])
```

```
        user = Users.query.filter_by(email_id=session['email']).first()
```

```
        carts = user.cart
```

```
        for cart in carts:
```

```
            b = {
```

```
                "book_id": cart.book.book_id,
```

```
                "name": cart.book.name,
```

```
                "author_name": cart.book.author_name,
```

```
                "description": cart.book.description,
```

```
                "category": cart.book.category,
```

```
                "type": cart.book.type,
```

```
                "price": cart.book.price,
```

```
                "date": cart.book.date,
```

```
                "img_name": cart.book.img_name,
```

```
                "language": cart.book.language,
```

```
                "pages": cart.book.pages
```

```

}

    total_price = total_price + int(cart.book.price)

    session['total_price'] = total_price + 25

    cart_books.append(b)

    session['cart_books'] = cart_books

return render_template("cart.html", books=cart_books, total_price=total_price)

```

```

@app.route('/removecart/<int:book_id>', methods=['GET'])

```

```

def removecart(book_id):

    print("hello")

    book = Cart.query.filter_by(book_id=book_id).first()

    print(book)

    db.session.delete(book)

    db.session.commit()

    return redirect("/cart")

```

```

@app.route('/checkout', methods=[ 'GET','POST'])

```

```

def checkout():

    if request.method == 'POST':

        name = request.form.get('name')

        email = request.form.get('email')

        mail.send_message("Mail from Readers Cafe ", sender=params['gmail_user'], recipients=[email],

                           body=f"Dear Customer, {name} Your Order is Successful! of
price:{session['total_price']} ")

        if request.form.get('ok'):

            flash('Order Successful')


    return render_template("checkout.html")

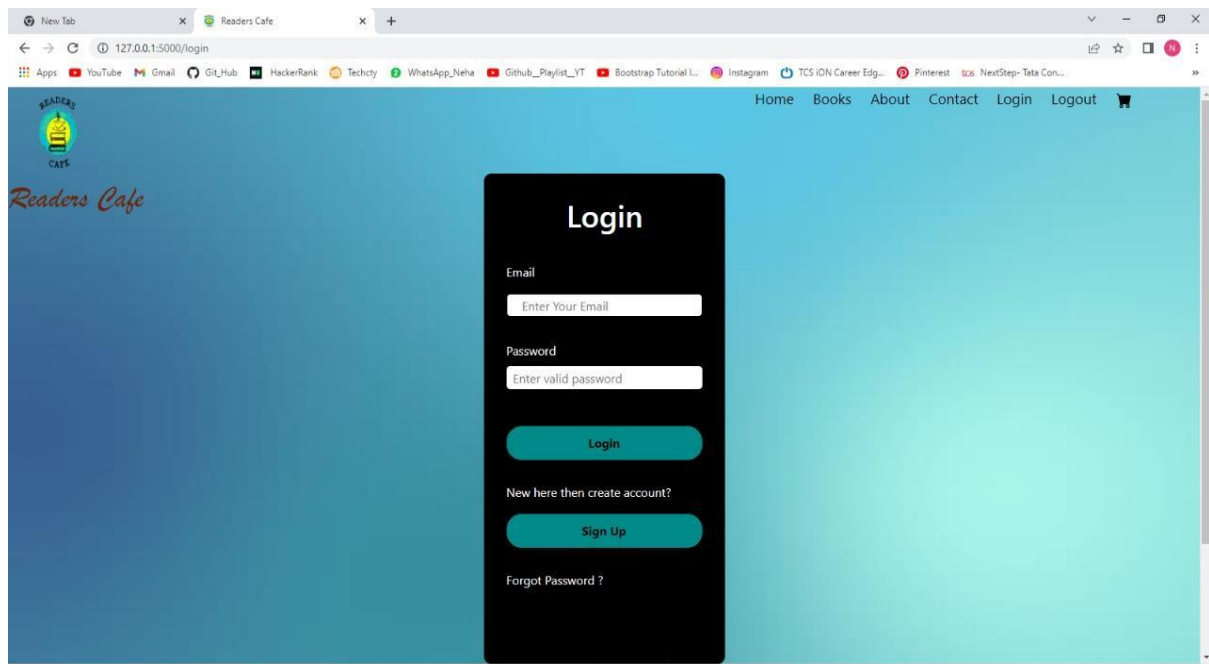
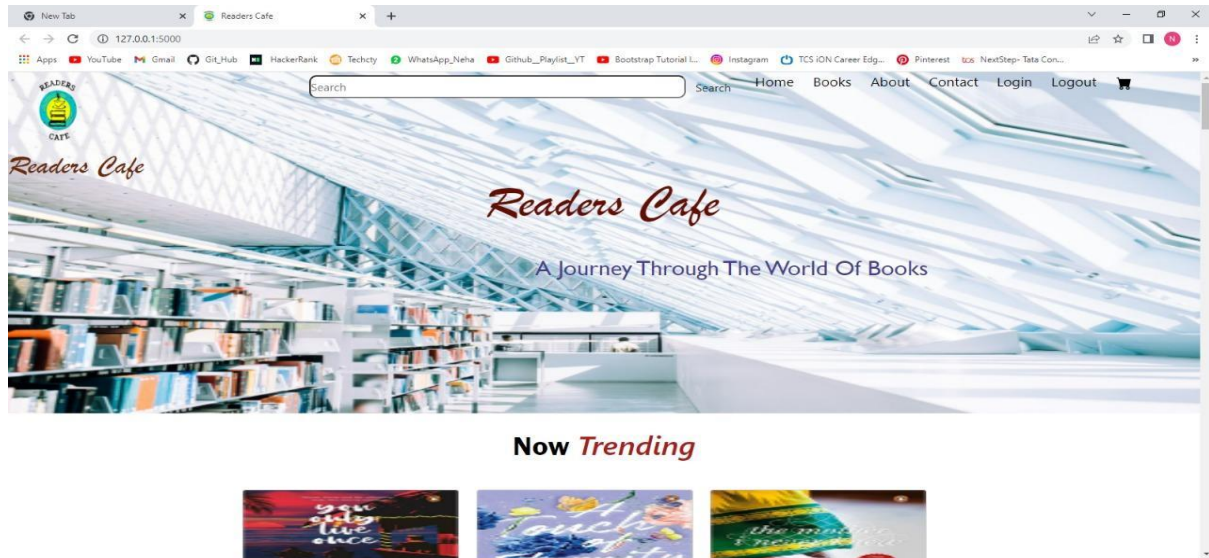
@app.route('/error')

```

```
def error():  
    return render_template('error.html')
```

```
@app.route('/ordered')  
def ordered():  
    return render_template('ordered.html')  
app.run(debug=True)
```

OUTPUT




New Tab x Readers Cafe x +

127.0.0.1:5000/signup

Apps YouTube Gmail Git_Hub HackerRank Techcty WhatsApp_Neha Github_Playlist_YT Bootstrap Tutorial L... Instagram TCS iON Career Edg... Pinterest NextStep- Tata Con...

Home Books About Contact Login Logout


Readers Cafe

Create A New Account

Name

Email


Password

New Tab x Readers Cafe x +

127.0.0.1:5000/getotp

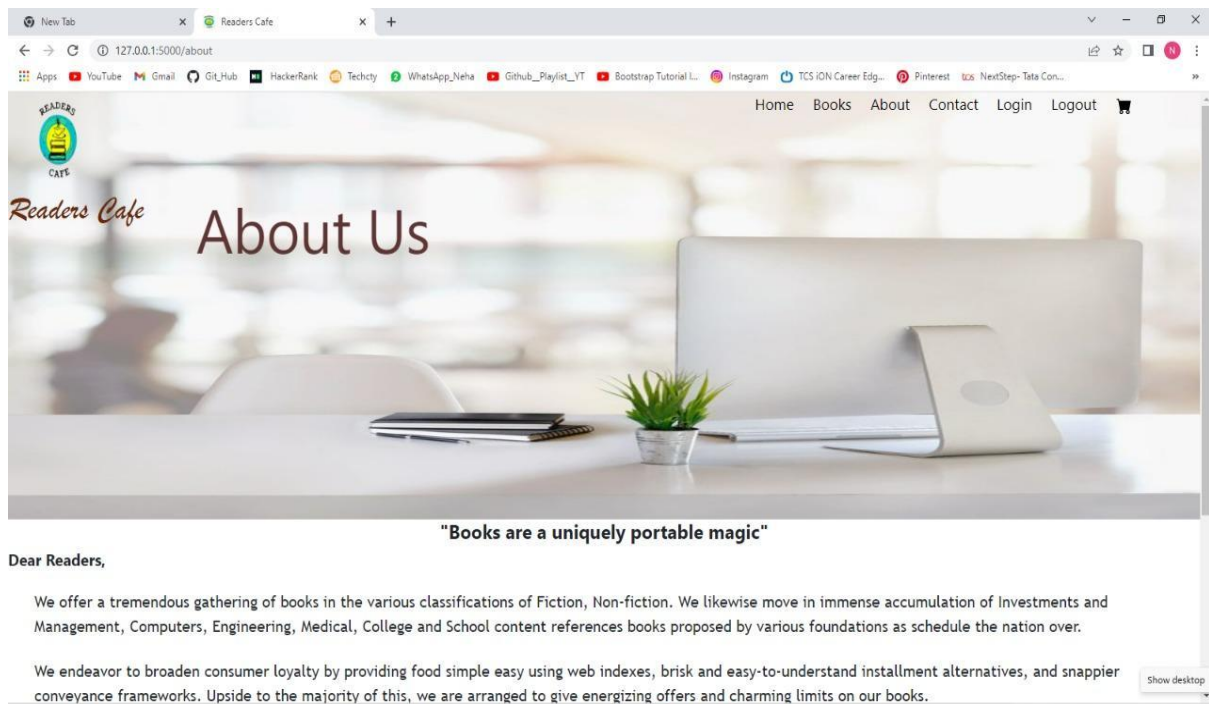
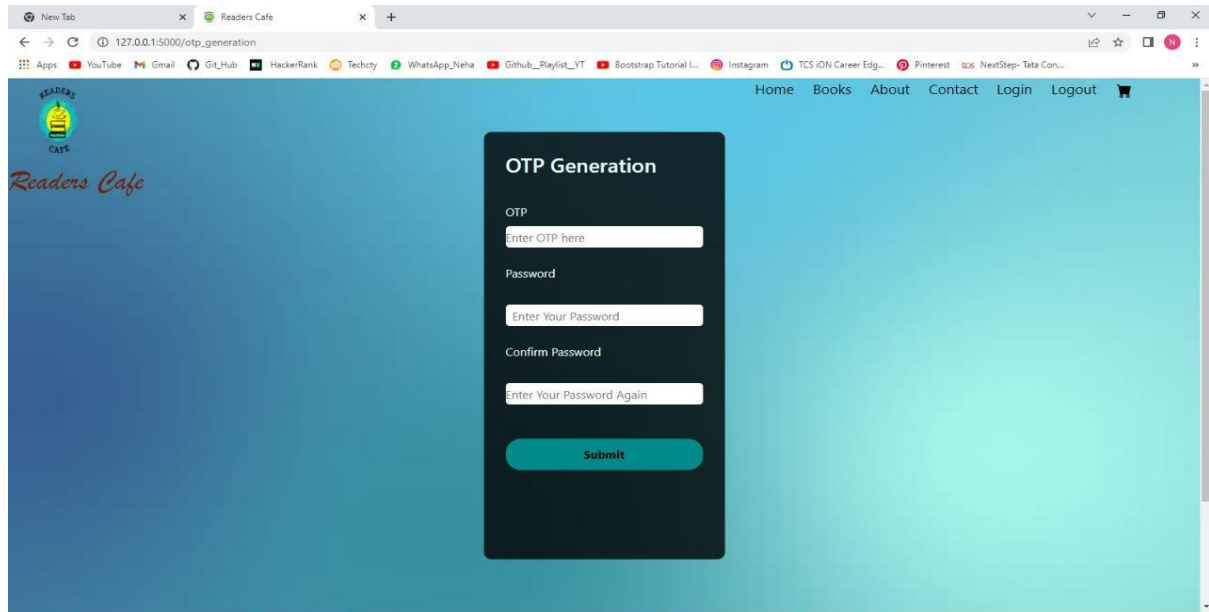
Apps YouTube Gmail Git_Hub HackerRank Techcty WhatsApp_Neha Github_Playlist_YT Bootstrap Tutorial L... Instagram TCS iON Career Edg... Pinterest NextStep- Tata Con...

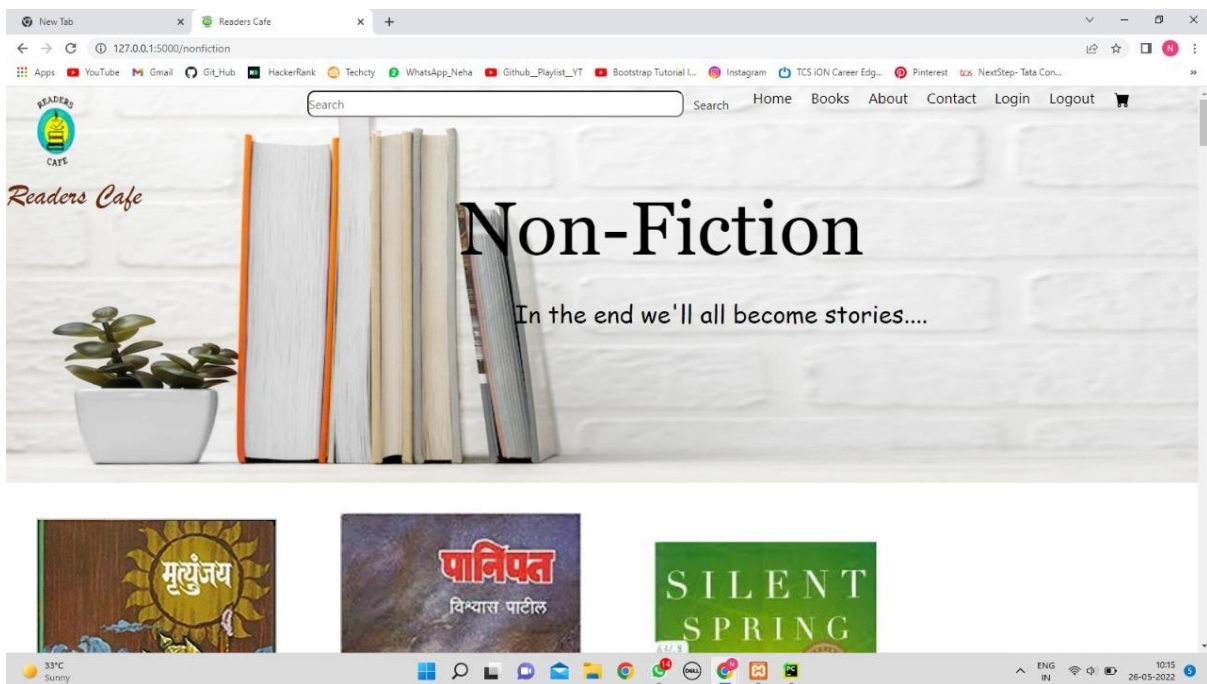
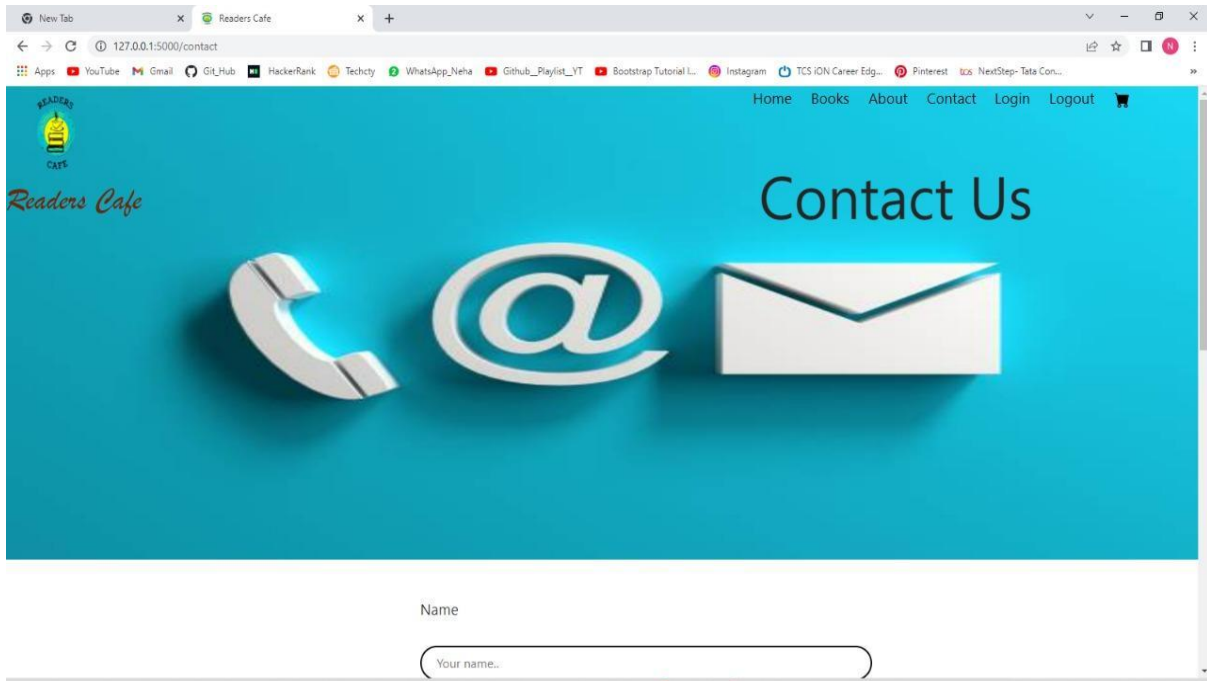
Home Books About Contact Login Logout

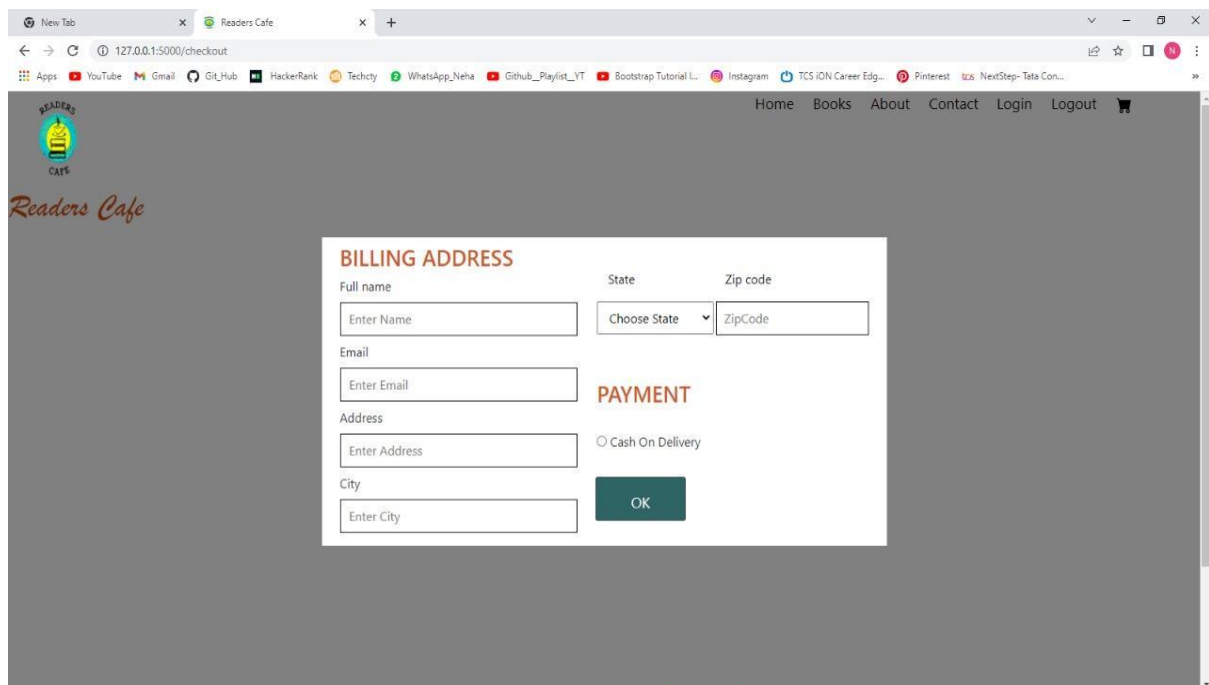
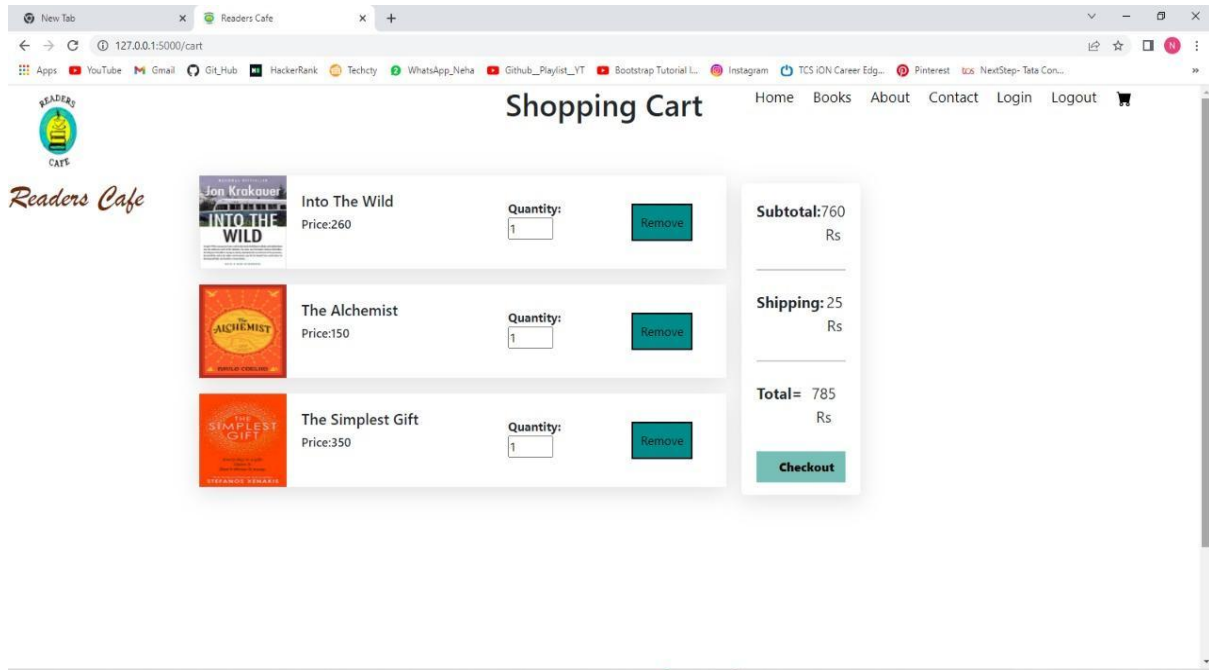

Readers Cafe

Reset Password

Email







CONCLUSION

"Readers Café " is an online book store that is an online web application where users can purchase books online. Through a web browser the customer can search a book by its author or title, later can add it to the shopping cart and finally purchase the book using cash on delivery method. This website supports any browser just like chrome, Microsoft edge etc. This is the simplest way to purchase a book online through web browsers.

REFERENCE

Help From internet Following Website links have been used in the completion of this Project file :

- <https://www.w3schools.com/>
- <https://flask.palletsprojects.com/en/2.1.x/>
- <https://flask-sqlalchemy.palletsprojects.com/en/2.x/>