ONLINE BOOK STORE

Project report submitted in partial fulfilment
for the requirement of the Degree of

MASTER OF SCIENCE IN SOFTWARE SYSTEMS

SNEKHA.S

Roll No: 18MSS052

Under the Guidance of

Ms.J.SUMITHA, M.Sc.,M.Phil.,

Assistant professor

Department of Computer Science

Sri Kirshna Arts And Science College

Coimbatore 641 008

April 2021

Sri Krishna Arts and Science College

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Sri Krishna Arts and Science College

Reaccredited by NAAC with 'A' grade

Affiliated To Bharathiar University

Kuniamuthur, Coimbatore -641008

DECLARATION

I hereby declare that the Project report entitled ***"ONLINE BOOK STORE"*** submitted in partial fulfilment of the requirements for the award of degree of Master of Science in Software Systems is an original work and it has not previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or similar titles to any other university or body during the period of my study.

Place: Coimbatore

Date:

SNEKHA.S

Signature of the Candidate

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CERTIFICATE

This is to certify that the project report entitled ***"ONLINE BOOK STORE"*** submitted in partial fulfillment of requirements for the degree of Master of Science in Software Systems is a record of bonafide work carried out by **SNEKHA.S, 18MSS052** and that no part of this has been submitted for the award of any other degree or diploma and the work has not been published in popular journal or magazine.

GUIDE ***HOD*** ***PRINCIPAL***

This Project Report is submitted for the Viva Voce examination conducted on _____ at Sri Krishna Arts and Science College.

Internal Examiner ***External Examiner***

ACKNOWLEDGEMENT

The satisfaction and euphoria of the successful completion of any task would be incomplete without the mention of the people who made it possible, whose constant guidance, encouragement, crowned my effort with success.

I have been fortunate enough to secure co-operation, guidance and assistance from a number of people. I am at a loss of how to express the deep sense of gratitude I have towards all of them.

I am greatly indebted to our Principal **Dr. P. BABY SHAKILA, M.Sc., M.Phil., Ph.D.,** and our Head of the Department **Dr. C. SUNITHA, MCA., M.Phil., Ph.D.,** who has given permission for the fulfillment of the venture.

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SNEKHA.S

SRI KRISHNA ARTS AND SCIENCE COLLEGE

DEPARTMENT OF COMPUTER SCIENCE

CLASS: III M.Sc. SS **BATCH: 2018-2023**

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ABSTRACT

The project aims to provide a User interface for Users to buy, sell and also communicate with the sellers. Initially user needs to create own userid and password. The user can choose the book required either brand new or renewed from other people who wish to sell their books.

The User can also add books to their inventory and also buy them according to their convenient. This software acts as a central database containing various books in stock along with their title, author and cost. A user visiting the website can see a wide range of books arranged in respective categories. The user may select desired book and view its price. The user may even search for specific books on the website. Once the user selects a book, he then has to fill in a form and the book is booked for the user. There are many online bookstore systems. But not all feature available in one place.

CHAPTER-1

INTRODUCTION

INTRODUCTION

Online Book store is an online web application where the customers can purchase their books online. The customers can search for books by its author or title, they can add their selected book to the shopping cart and finally they can purchase their books. The Online Book Store application enables vendors to set up books for online, customers to browse the required books for their needs, and a system administrator to approve and reject requests for new books and maintains lists of books in different categories.

1.1. PROBLEM DEFINITION:

The project definitely helps the user to buy something from the internet because in the book store the user able to buy anything by selecting the book details and entering your online payment transaction details. The user can save their time by buying the product that is wasting while roaming the market. From here they can probably get all the things. They have several options in the Single Collection.

1.2. PROJECT OBJECTIVE:

The project aim is to provide a User interface website for Users to buy (or) sell and also to communicate with the sellers. Initially users need to create their own user id and password. The user can choose their required book from either brand new or renewed from other people who wish to sell their books.

The User can add books to their inventory and the other users can buy them according to their convenience. This software acts as a central database, containing various books in stock along with their title, author and cost. A user visiting the website can see a wide range of books arranged in respective categories. The user may select the desired book and view its price. The user may even search for specific books on the website. Once the user selects a book, they have to fill in a form with the appropriate details to place an order. There are many online bookstore systems. But not all features are available in one place.

1.3. PROJECT OVERVIEW:

The perspective of the project is to provide a unique user interface for book lovers. The customers can both buy and sell books.

The main major modules in the project are:

1) Login

2) Category

3) Publisher

4) Category

5) Books

6) Contact

7) My Cart

8) About Us

9) Admin

- Admin Login
- Add New Book

1.3.1 LOGIN:

This module is used to login to their registered account to use this software they have to login with a registered email id/Gmail id with the password they have to set.

1.3.2 CATEGORY:

This module provides various types of books. Here, we can search various types of books

1.3.3 PUBLISHER:

This module provides look for book publishers.

1.3.4 BOOKS:

This module provides look for full stack books.

1.3.5. USED BOOKS:

This module is used to post the users books.

1.3.6 CONTACT:

This module is used to post the query about the website by the user.

1.3.6 MY CART:

This module is used to view the cart of the purchase list for placing the orders.

1.3.7 ABOUT US:

This module is used to describe the website.

CHAPTER - 2

SYSTEM SPECIFICATION

APPLICATION SPECIFICTION

PHP

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page, but it now stands for the recursive initialism PHP: Hypertext Preprocessor.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical

applications and robotic drone control. Arbitrary PHP code can also be interpreted and executed via command-line interface (CLI).

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 types 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

1.4. SYSTEM SPECIFICATION

1.4.1. HARDWARE

PROCESSOR : Intel®i5 8th Gen

HARD DISK CAPACITY : 500GB

RAM : 4GB DDR3 minimum (8GB DDR4 recommended)

KEYBOARD : 105 KEYS

MOUSE DEVICE : compatible pointing

1.4.2. SOFTWARE SPECIFICATION

OPERATING SYSTEM : windows 10

SOFTWARE TOOLS : xampp server, Visual Studio

FRONT END : PHP (version: 7.4.15)

PROGRAMMING LANGUAGES : MYSQL (version: 10.4.17-MariaDB)

1.5. SYSTEM STUDY

1.5.1. EXISTING SYSTEM:

Returning the books facility was not available in the existing system by which customers get confused while placing their orders. If any query, they have to leave a message to the query box regarding such a book and the admin has to check that box by clicking on the query box, which has been eliminated in the current system. They can also buy or sell their used books

1.5.2. PROPOSED SYSTEM:

The main perspective is that it provides a unique user interface for the users to sell and also buy the books that are required. The user can choose and search the books required and if the users are willing to sell they can also sell to other existing users. There is a unique (one-one mail system) communication system in which the seller and customer can communicate.

ADVANTAGES:

- Multiple users can access at same time
- Buy/sell used books

- Provides communication

CHAPTER 4

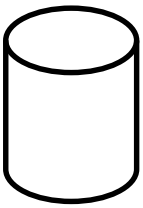
SYSTEM DESIGN

System design is "the process of studying a procedure or business in order to identify its goals, purposes and create systems and procedures that will achieve them in an efficient way". Another view sees system analysis as a problem-solving technique that breaks down a system into its component pieces for the purpose of the studying how well those component parts work and interact to accomplish their purpose.

Dataflow Diagram (DFD)

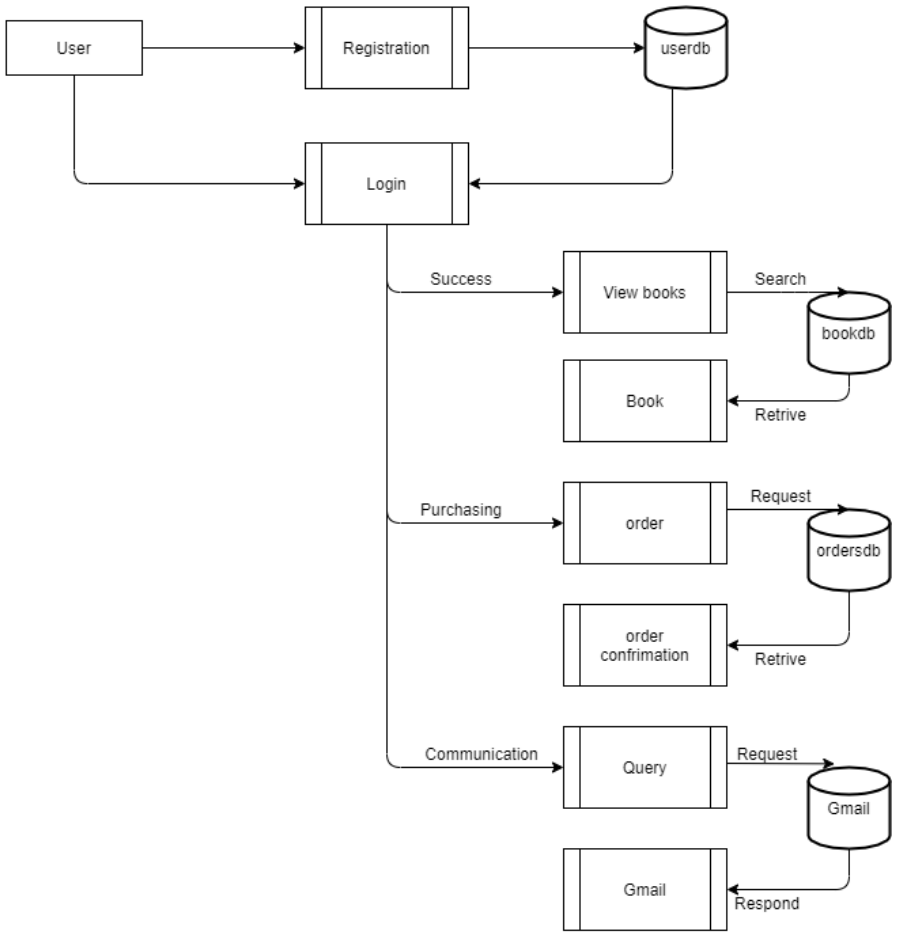
A data-flow diagram (DFD) is a way of representing a flow of a data of a process or a system (usually an information system). DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow, there are no decision rules and no loops. Specific operations based on the data can be represented by a flowchart. The data-flow diagram is part of the structured-analysis modelling tools. When using UML, the activity diagram typically takes over the role of the data-flow diagram. A special form of data-flow plan is a site- oriented data-flow plan.

Notations:

Symbol	Name	Description
	External Entity	Also known as actors, sources or sinks, and terminators, external entities produce and consume data that flows between the entity and the system being diagrammed. These data flows are the inputs and outputs of the DFD. Since they are external to the system being analyzed, these entities are typically placed at the boundaries of the diagram. They can represent another system or indicate a subsystem.
	Process	An activity that changes or transforms data flows. Since they transform incoming data to outgoing data, all processes must have inputs and outputs on a DFD
	Database	Database Design is defined as a collection of steps that help with designing, creating, implementing, and maintaining a business's data management systems. The main purpose of designing a database is to produce physical and logical models of designs for the proposed database system.
	Data flow	Movement of data between external entities, processes and data stores is represented with an arrow symbol, which indicates the direction of flow. This data could be electronic, written or verbal. Input and output data flows are labelled based on the type of data or its associated process or data store, and this name is written alongside the arrow.

Level 0

Level 1



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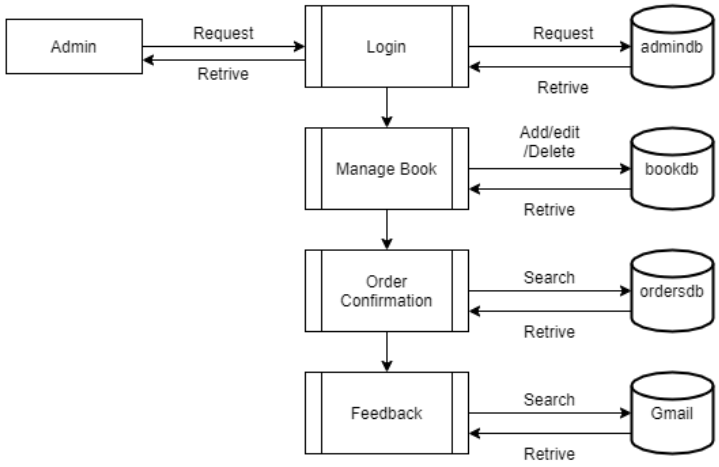
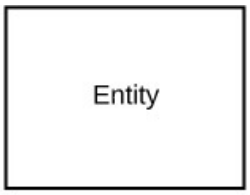
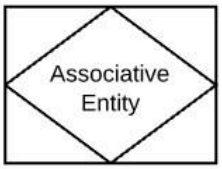
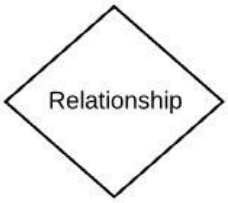
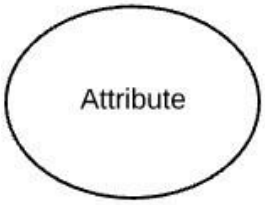


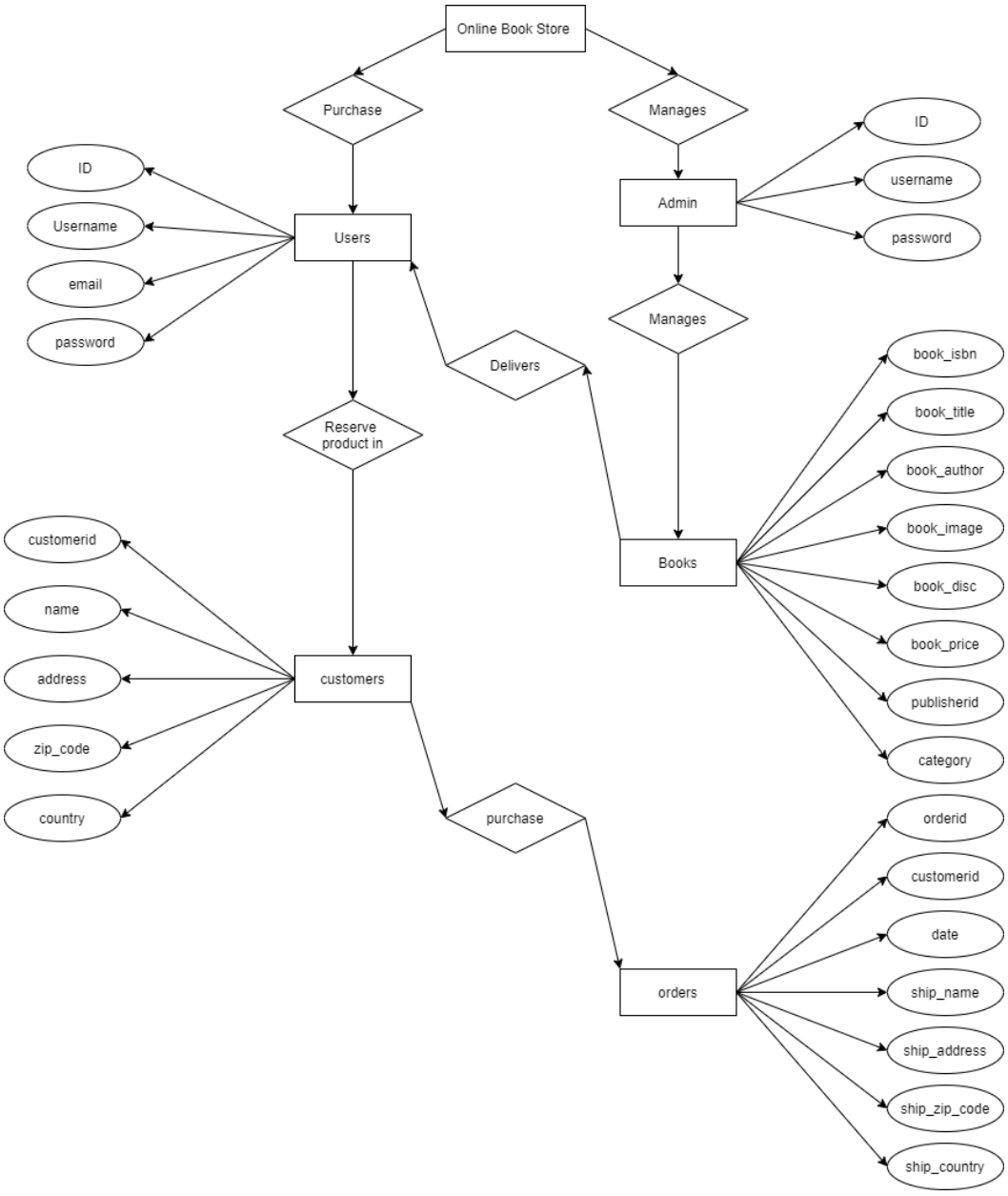
ENTITY RELATIONSHIP DIAGRAM

An entity relationship diagram (ERD), also known as an entity relationship model, is a graphical representation of an information system that depicts the relationships among people, objects, places, concepts or events within that system. An ERD is a data modelling technique that can help define business processes and be used as the foundation for a relational database.

NOTATIONS:

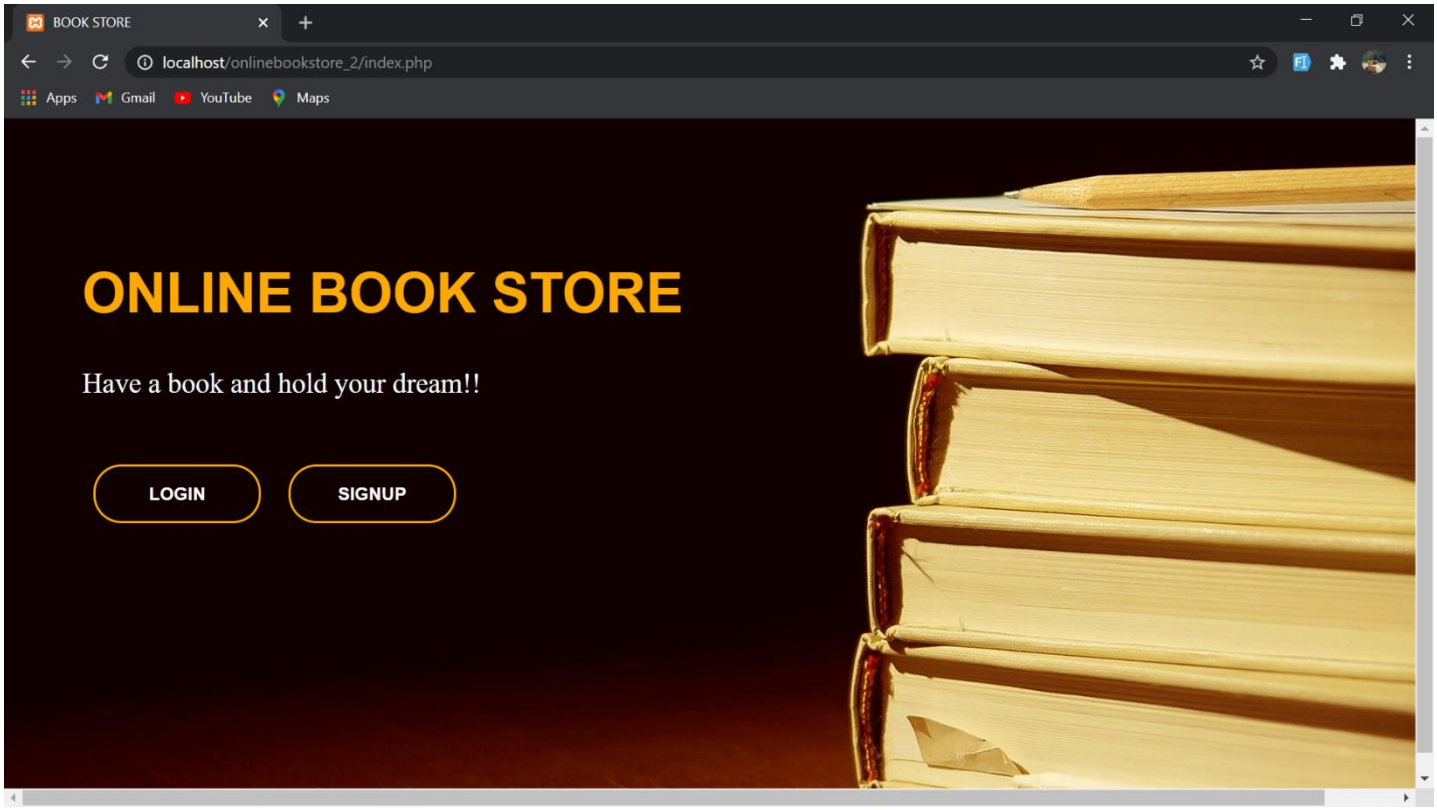
Entity Symbol	Name	Description
	Strong entity	These shapes are independent from other entities, and are often called parent entities, since they will often have weak entities that depend on them. They will also have a primary key, distinguishing each occurrence of the entity.
	Associative entity	Associative entities relate the instances of several entity types. They also contain attributes specific to the relationship between those entity instances
	Relationship	Relationships are associations between or among entities

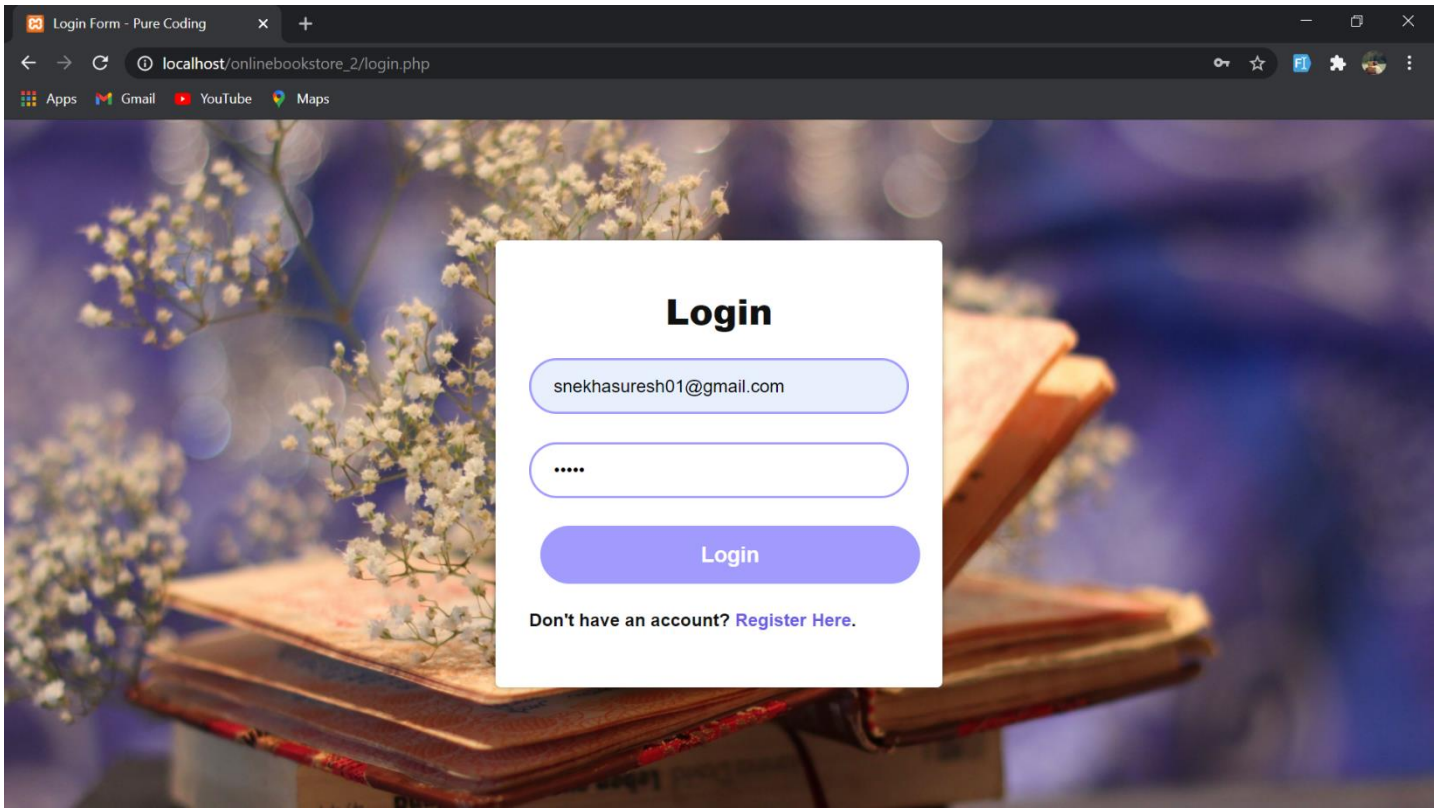
	Attribute	Attributes are characteristics of an entity, a many-to-many relationship, or a one-to-one relationship.



INPUT DESIGN

Input design is one of the most important system design phases. Input design is the process where. The input received in the system are planned and designed, so as to get only necessary information from the user, eliminating the information that is not required. The aim of the input design is to ensure the maximum possible levels of accuracy and to make data entry easier and to be free from errors

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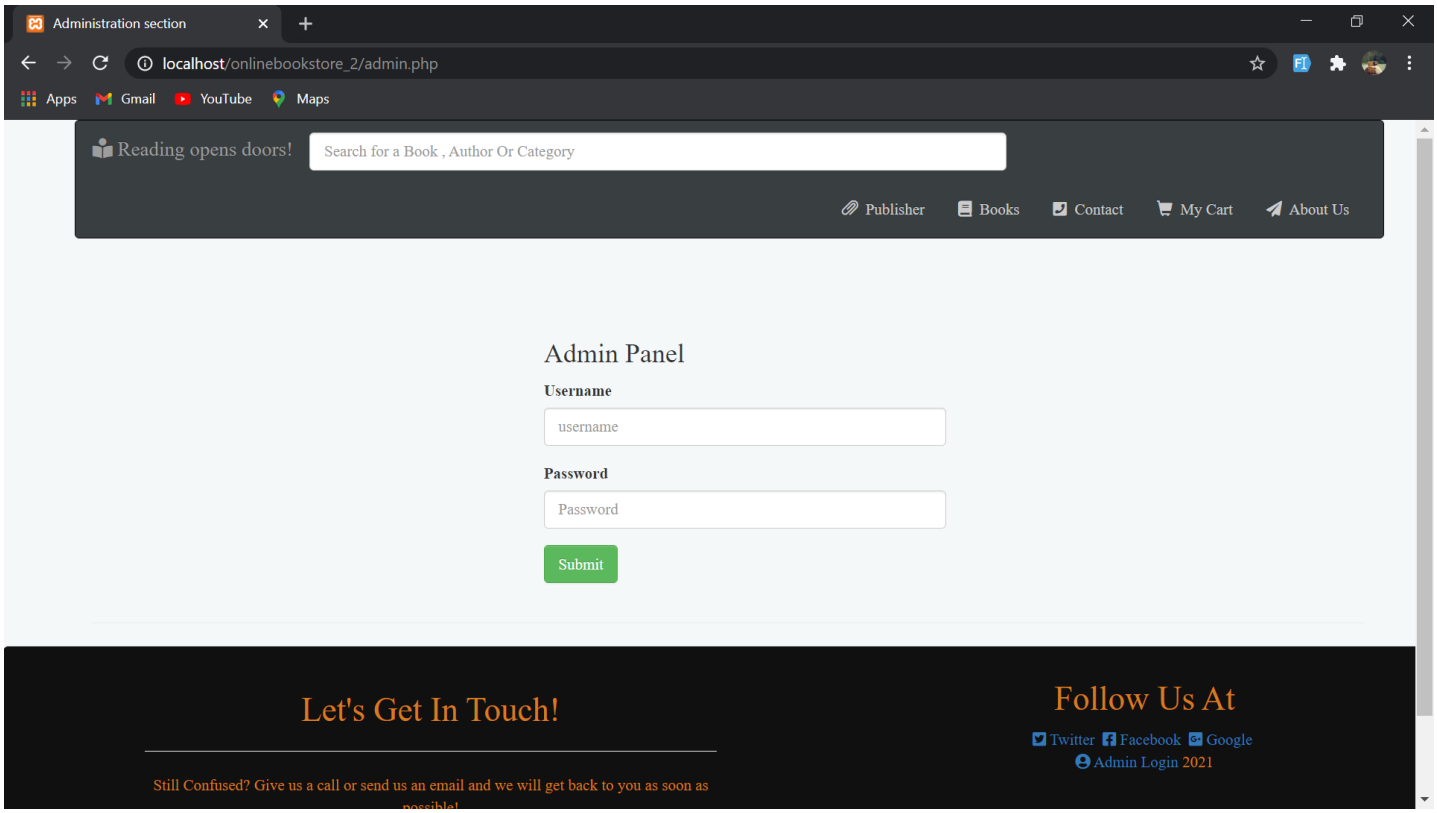
Apps
Gmail
YouTube
Maps
Login
snekhasuresh01@gmail.com
Login
Don't have an account? Register Here.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DATABASE DESIGN

Database is designed to manage large bodies of information. The management of data involves both the definitions of structure for the storage of information. In addition, the database system must provide the safety of the information, despite system crashes or due to attempts at unauthorized access. For developing an efficient database user have to fulfill certain conditions such as controlled redundancy.

Data Constraints:

All business in the world runs on business data being gathered, stored and analyzed.

Types of Data Constraints:

There are two types of data constraints that can be applied to data being inserted into a database table. One type of constraint is called I/O constraint. The other type of constraint is called a business rule constraint.

I/O Constraints:

The input /output data constraint is further divided into two distinctly different constraints.

The Primary Key Constraint:

Here the data constraint attached to a column ensures:

- That the data entered in the table column is unique across the entire column.
- That none of the cells belonging to the table column are left empty.

Table: dbo.users

Field	**DataType**	**Constraints**	**Description**
user-id	Int(100)	Not null ,primary key	User-id
user name	Varchar(200)	Not null	User name
email	Varchar(200)	Not null	Email id
password	Varchar(200)	Not null	password

Table: dbo.books

Field	**DataType**	**Constraints**	**Description**

book_isbn	Int(100)	Not null ,primary key	Book isbn number
book_title	Varchar(300)	Not null	Book name
book_author	Varchar(300)	Not null	Author name
book_image	Varchar(200)	Not null	Book image
book_descr	Varchar(100)	Not null	Book description
book_price	Varchar(200)	Not null	price
publisherid	Int(100)	Not null	publisher_id
category	Varchar(100)	Not null	category

Table: dbo.publisher

Field	**DataType**	**Constraints**	**Description**
publisherid	Int(255)	Not null ,primary key	Cart id
publisher_name	Varchar(200)	Not null	Book name

Table: dbo.orders

Field	**DataType**	**Constraints**	**Description**
orderid	Varchar(200)	Not null	Order id
customerid	Varchar(200)	Not null	Book id
amount	Varchar(255)	Not null	Book name
date	Varchar(200)	Not null	image
ship_name	Varchar(200)	Not null	price
ship_address	Int(11)	Not null	quantity
ship_city	Varchar(255)	Not null	Total price

ship_zip_code	Varchar(100)	Not null	User_id
ship_country	Varchar(100)	Not null	Date of purchase

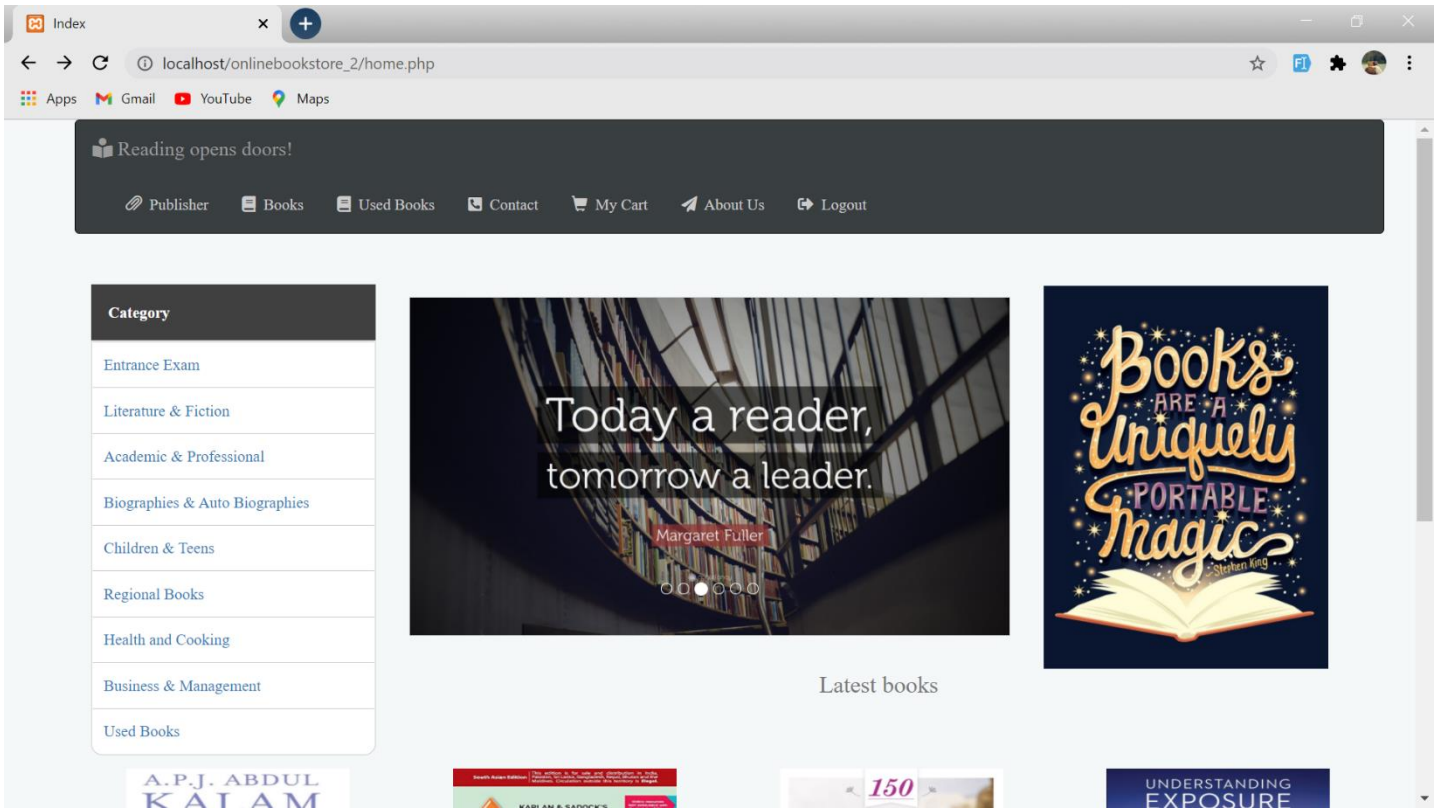
Table: dbo.order_items

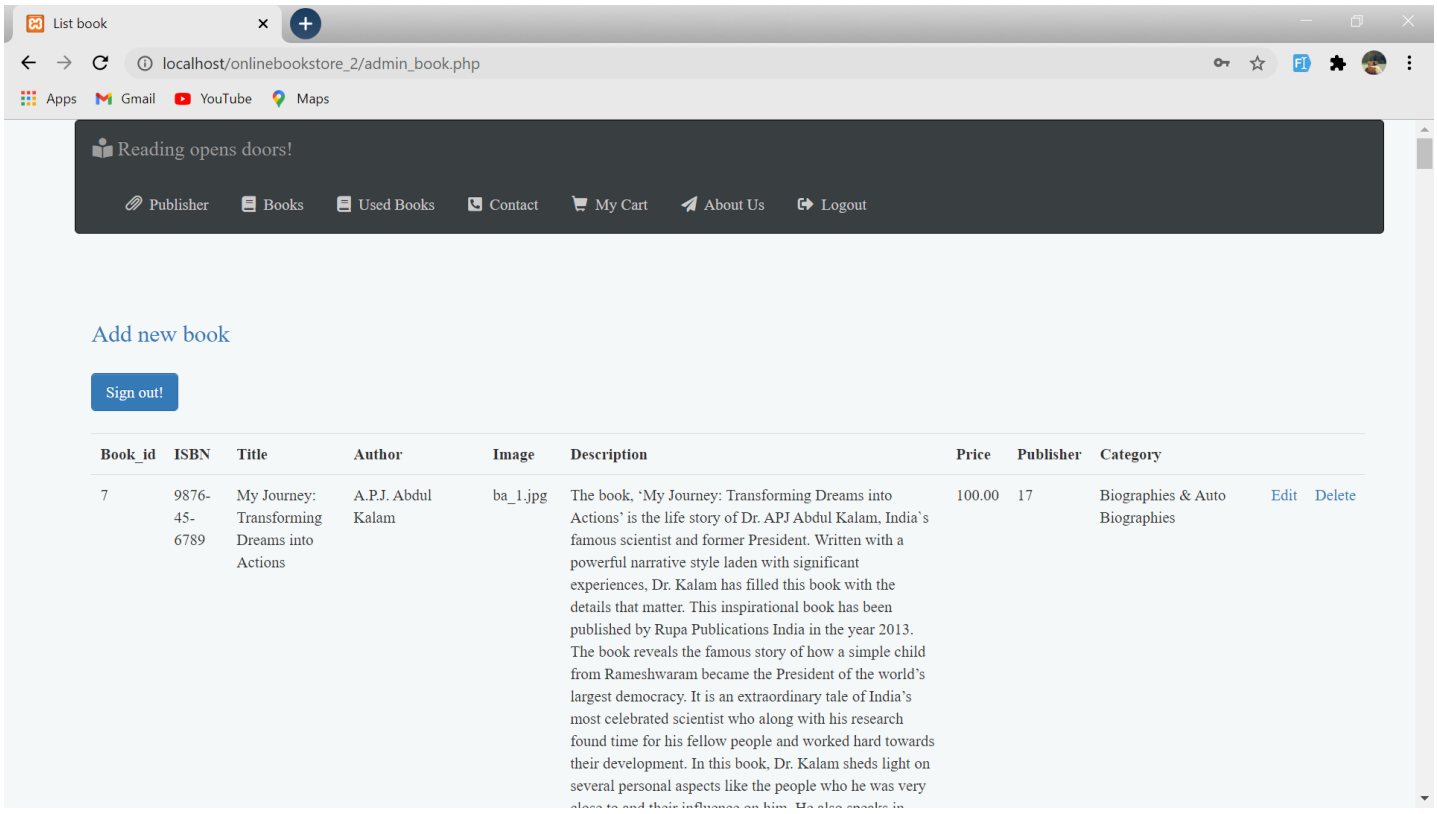
Field	Datatype	Constraints	Description
orderid	Int(10)	Not null	orderid
book_isbn	Varchar(20)	Not null	Book isbn number
item_price	Decimal(6,2)	Not null	Book price
quantity	Int(3)	Not null	Quantity

OUTPUT DESIGN

One of the most important factors of the system is the output it produces. Output refers to the results and information that is generated by the system. Basically, the output from a computer system is used to communicate the result of the processing to the user. Output design is the process that involves designing necessary outputs which helps the user according to their requirements. Efficient output design should improve the system relationship with the user and help in decision-making.

Output of the computer is the most important and direct source of information to the user. Output design should improve the system in relationship with the user help in decision-making. Once the output document can be carried out a major form of output is the hand copy from the printer or writing the data into the file in a specified format.





Book_id	ISBN	Title	Author	Image	Description	Price	Publisher	Category		
7	9876-45-6789	My Journey: Transforming Dreams into Actions	A.P.J. Abdul Kalam	ba_1.jpg	The book, 'My Journey: Transforming Dreams into Actions' is the life story of Dr. APJ Abdul Kalam, India's famous scientist and former President. Written with a powerful narrative style laden with significant experiences, Dr. Kalam has filled this book with the details that matter. This inspirational book has been published by Rupa Publications India in the year 2013. The book reveals the famous story of how a simple child from Rameshwaram became the President of the world's largest democracy. It is an extraordinary tale of India's most celebrated scientist who along with his research found time for his fellow people and worked hard towards their development. In this book, Dr. Kalam sheds light on several personal aspects like the people who he was very	100.00	17	Biographies & Auto Biographies	Edit	Delete

CHAPTER-5

SYSTEM TESTING

Testing is vital to the success of the system. System testing makes a logical assumption that if all parts of the system are correct, the goal will be successfully achieved. In the testing process we test the actual system in an organization and gather errors from the new system operates in full efficiency as stated. System testing is the stage of implementation, which is aimed to ensuring that the system works accurately and efficiently. In the testing process we test the actual system in an organization and gather errors from the new system and take initiatives to correct the same. All the front-end and back-end connectivity are tested to be sure that the new system operates in full efficiency as stated. System testing is the stage of implementation, which is aimed at ensuring that the system works accurately and efficiently.

The main objective of testing is to uncover errors from the system. For the uncovering process we have to give proper input data to the system. So we should have more conscious to give input data. It is important to give correct inputs to efficient testing. Testing is done for each module. After testing all the modules, the modules are integrated and testing of the final system is done with the test data, specially designed to show that the system will operate successfully in all its aspects conditions. Thus the system testing is a confirmation that all is correct and an opportunity to show the user that the system works. Inadequate testing or non-testing leads to errors that may appear few months later. This will create two problems time delay between the cause and appearance of the problem. The effect of the system errors on files and records within the system. The purpose of the system testing is to consider all the likely variations to which it will be suggested and push the system to its limits. The testing process focuses on logical intervals of

the software ensuring that all the statements have been tested and on the function intervals (i.e.,) conducting tests to uncover errors and ensure that defined inputs will produce actual results that agree with the required results.

5.1 UNIT TESTING

Unit testing verification efforts on the smallest unit of software design, module. This is known as "Module Testing". The modules are tested separately. This testing is carried out during programming stage itself. In these testing steps, each module is found to be working satisfactorily as regard to the expected output from the module.

5.2 INTEGRATION TESTING

Integration testing is a systematic technique for constructing tests to uncover error associated Within the interface. In the project, all the modules are combined and then the entire programmer is tested as a whole. In the integration-testing step, all the error uncovered is corrected for the next testing steps.

5.3 VALIDATION TESTING

To uncover functional errors i.e., to check whether functional characteristics confirm to specification or not.

5.4 ACCEPTANCE TESTING

At last the system is delivered to the user for acceptance testing. Normally this type of testing is done to verify if the system meets the specified requirements. User does this testing to determine whether to accept application.

CHAPTER-6

SYSTEM IMPLEMENTATION AND MAINTAINANCE

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective. The implementation stage involves careful planning, investigation of the existing system and it's constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods. Implementation is the process of converting a new system design into operation. It is the phase that focuses on user training, site preparation and file conversion for installing a candidate system. The important factor that should be considered here is that the conversion should not disrupt the functioning of the organization. Implementation is the stage in the project where the theoretical design is turned into a working system. The most crucial stage is achieving a successful new system & giving the user confidence in that the new system will work efficiently & effectively in the implementation state. The stage consists of:

• Testing the developed program with simple data.

• Detection's and correction of error.

• Creating whether the system meets user requirements.

• Testing whether the system.

• Making necessary changes as desired by the user.

• Training user personnel.

CHAPTER-7

CONCLUSION

After implementing the application it will contain the advantages were incomparable to the present contemporary systems used by company. The most admirable feature founded was its simplicity in terms of application to the user but its highly beneficial outputs can't be ignored. The users will be highly benefited after using the system.

It is hoped that this project will help the future developers to modify and implement the system. After modifying some techniques of the programs, it will give us the best performance as our requirements. The project will be very useful for the users.

CHAPTER-8

SCOPE OF FUTURE ENHANCEMENT

Software development is never –ending process and continues the life of the software as per the changing needs of the user from time to time. The project is no doubt has been developed keeping in mind easy modification and enhancement that may be required from time to time.

However, there are many scopes to modify this software. As because due to shortage of time, we here become unable to include many things. We are trying to cover all their existing system for sales return records of the items but due to shortage of time we become unable to include many things. Due to lake of time I here include none of them and a future scope one can develop these returns which are so much essential. Only with a little more doing it is possible to design the formats for those returns. Moreover, an on-line system will be more helpful to the organization. . With almost the same data with only a little modification an on-line system can be designed to fulfil their demands. All these can be considered to be future scope for this project.

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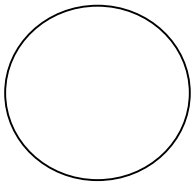
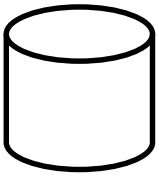
APPENDIX

A. DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a diagram that describes the flow of data and the processes that change data throughout a system. It's a structured analysis and design tool that can be used for flowcharting in place of or in association with information. Oriented and process oriented system flowcharts. Four basic symbols are used to construct data flow diagrams. They are symbols that represent data source, data flows, and data transformations and data storage. The points at which data are transformed are represented by enclosed figures, usually circles, which are called nodes.

Data Flow Diagram Symbols

	**Source or Destination of data**
	**Data Flow**
	**Process**
	**Storage**
	**Database**

When analysts prepare the Data Flow Diagram, they specify the user needs at a level of detail that virtually determines the information flow into and out of the system and the required data resources.

The network is constructed by using a set of symbols that do not imply physical implementations. The Data Flow Diagram reviews the current physical system, prepares input and output specification, and specifies the implementation plan.

Steps to Construct Data Flow Diagrams

Four steps are commonly used to construct a DFD

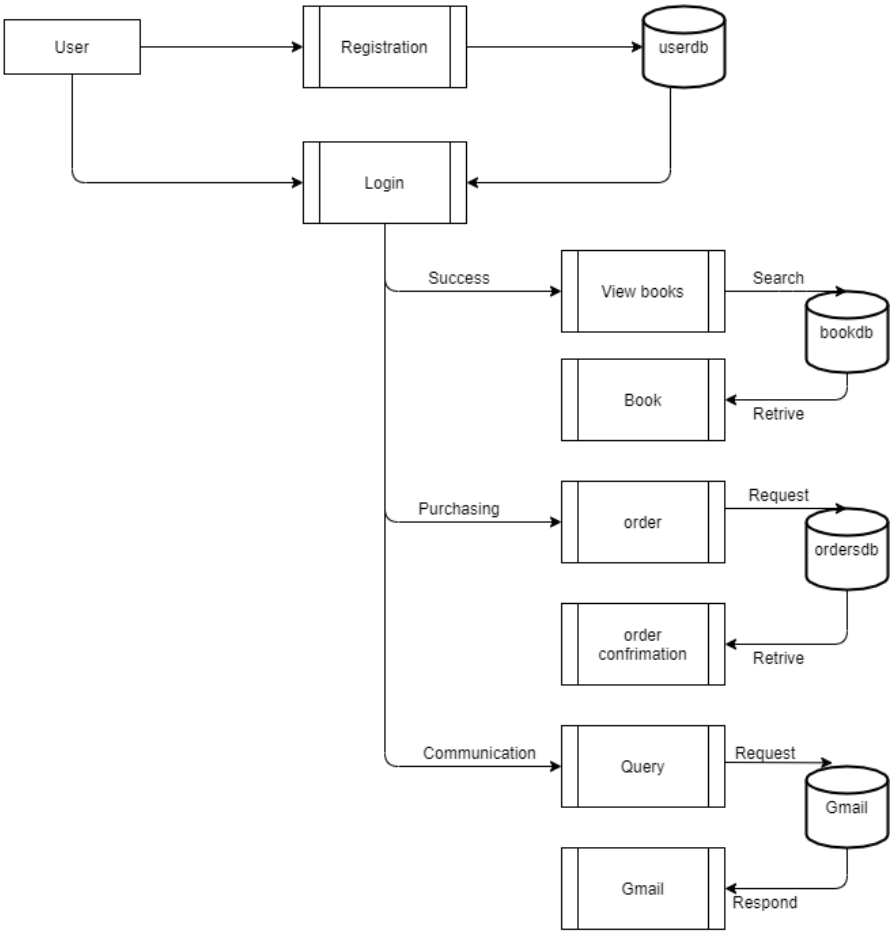
- Process should be named and numbered for easy reference. Each name should be representative of the process.
- The destination of flow is from top to bottom and from left to right.
- When a process is exploded in to lower level details they are numbered.
- The names of data stores, sources and destinations are written in capital letters.

Rules for constructing a Data Flow Diagram

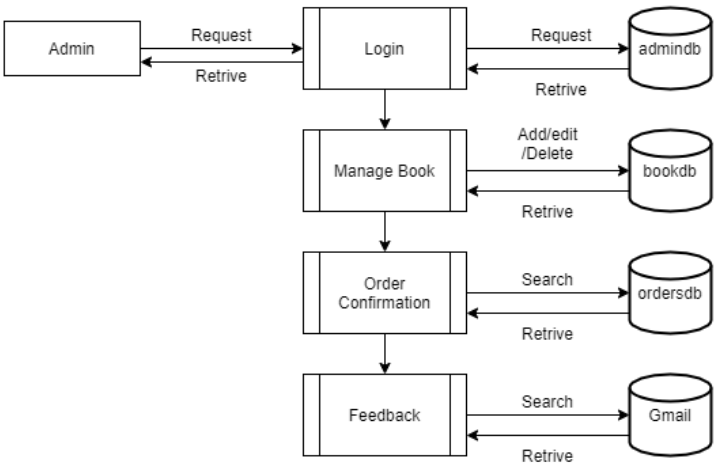
- Arrows should not cross each other.
- Squares, circles and files must bear names.
- Decomposed data flow squares and circles can have same names.
- Draw all data flow around the outside of the diagram.

Level 0

Level 1



Level 2



B.SAMPLE SCREENSHOTS

Figure 1: FRONT PAGE

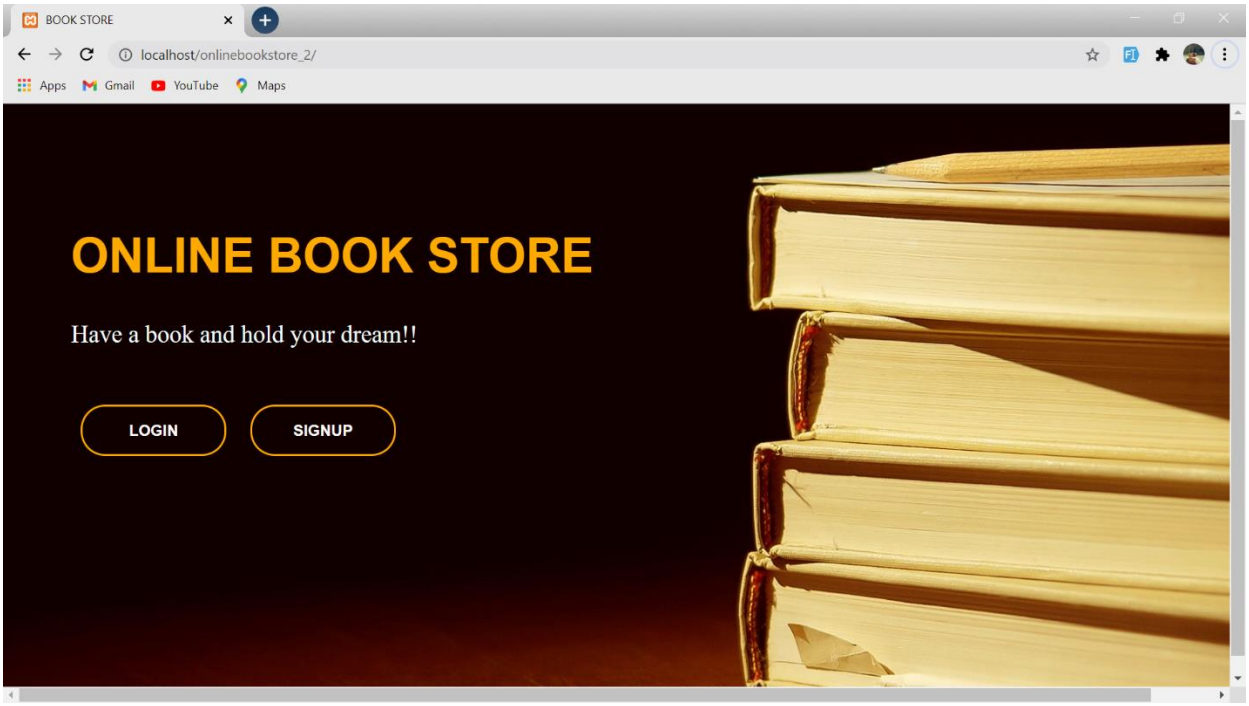


Figure 2: USER REGISTRATION

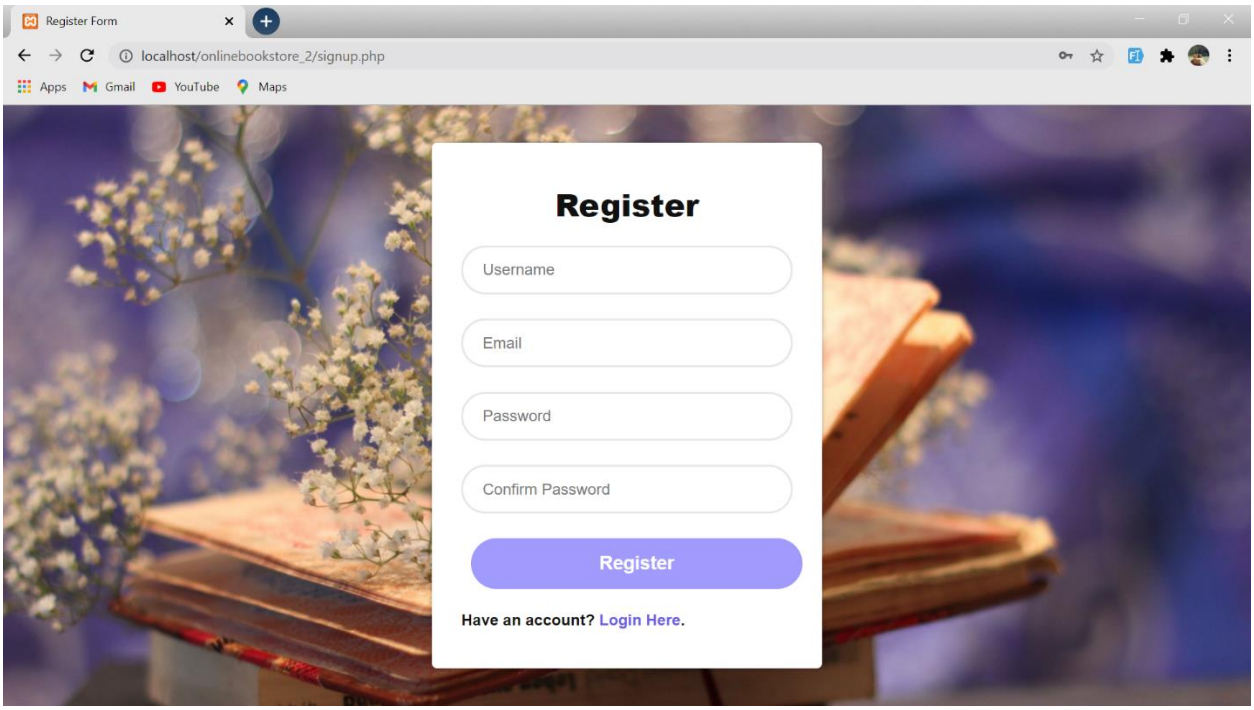


Figure 3: USER LOGIN PAGE

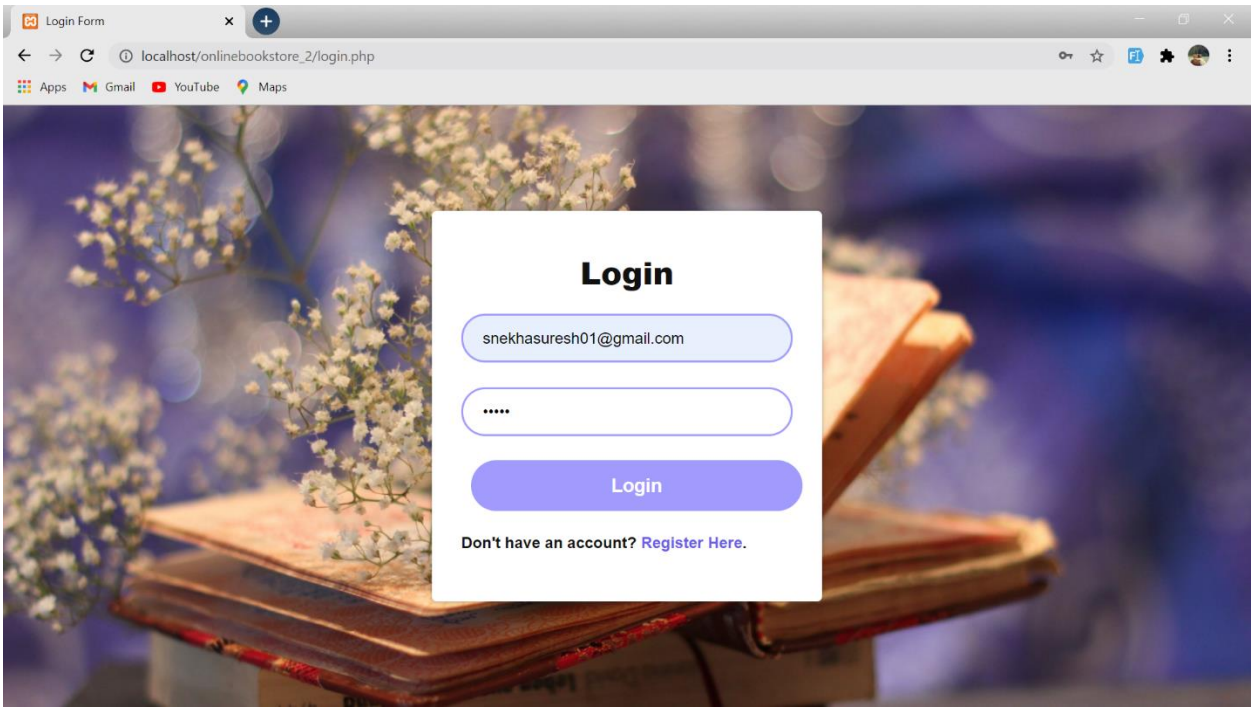


Figure 4: HOME PAGE

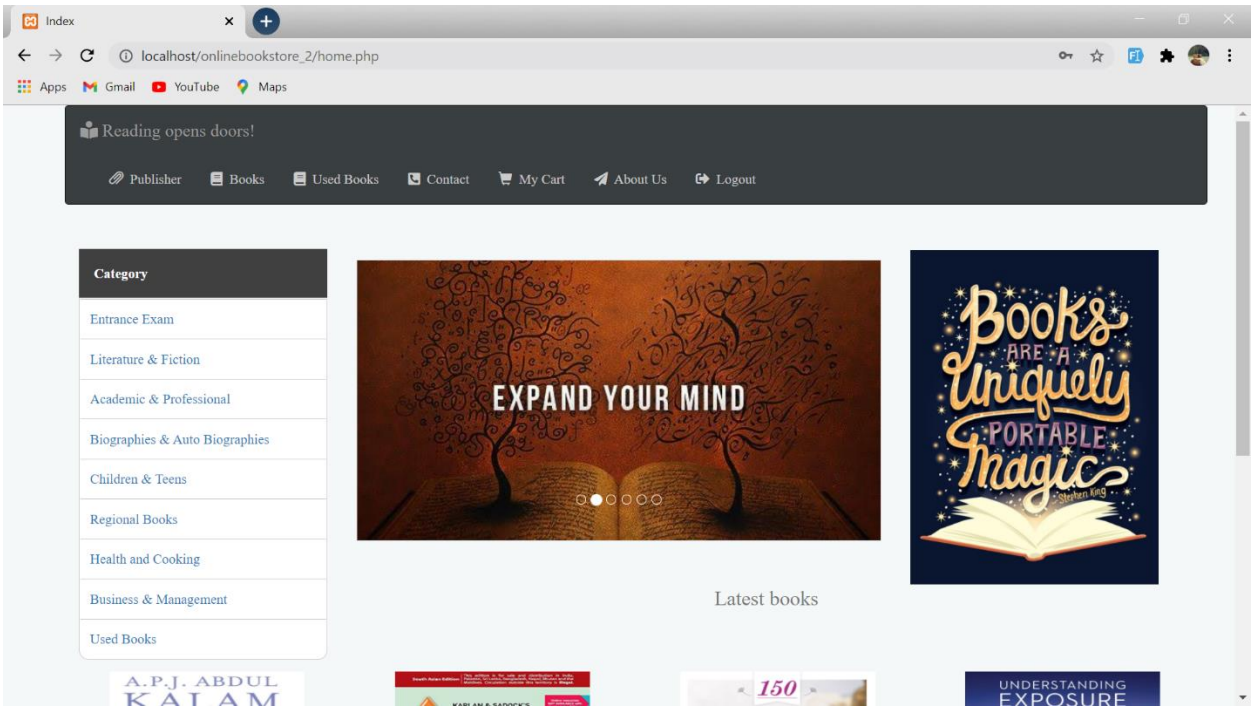


Figure 5: PUBLISHER PAGE

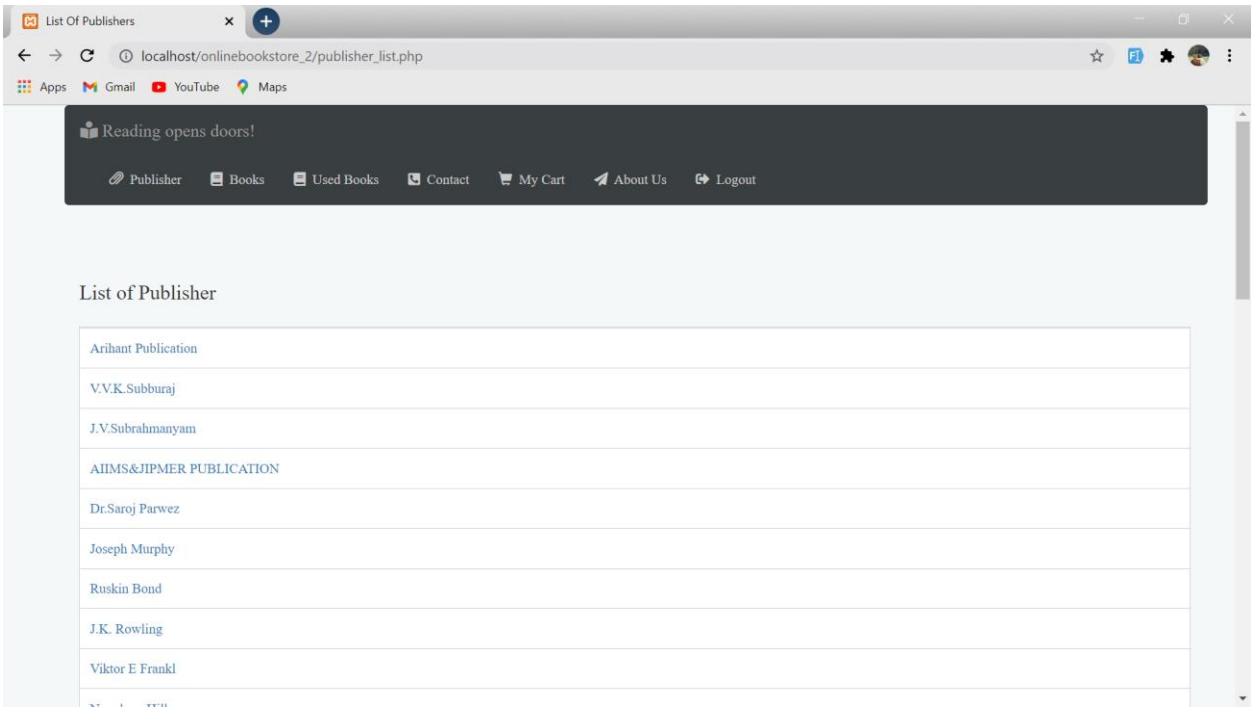


Figure 6: BOOKS PAGE

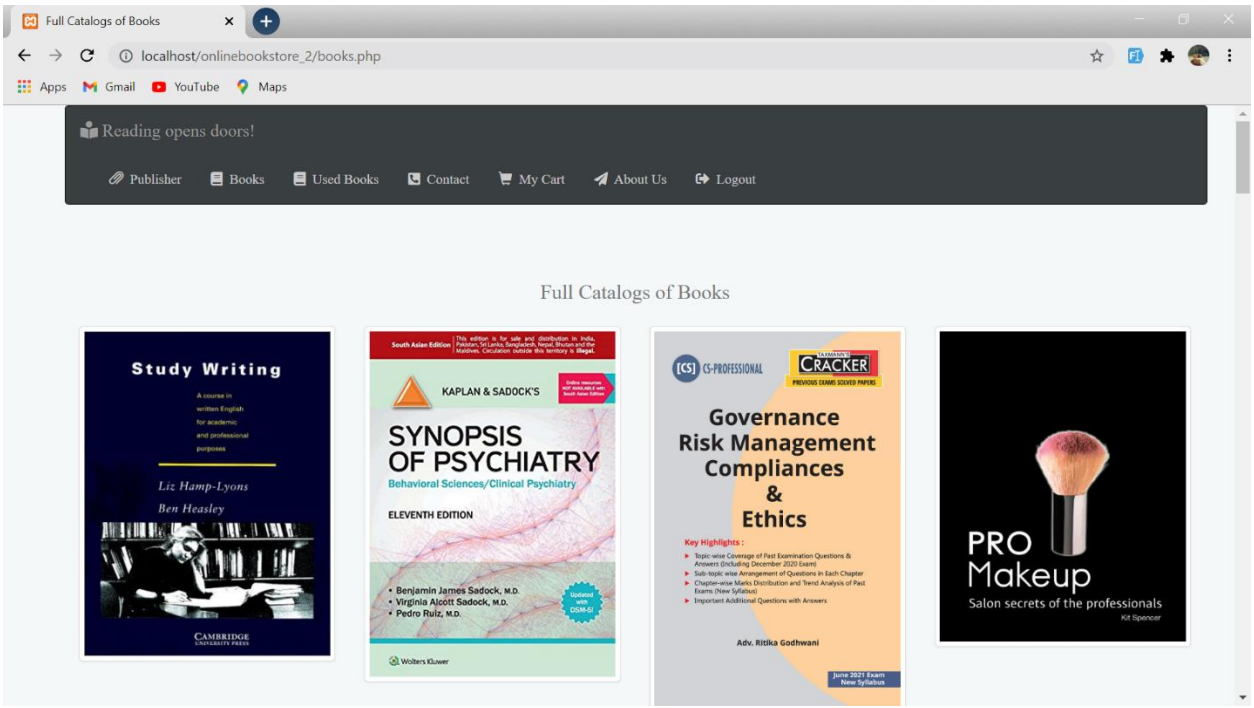


Figure 7: USED BOOK UPLOADING PAGE BY USER

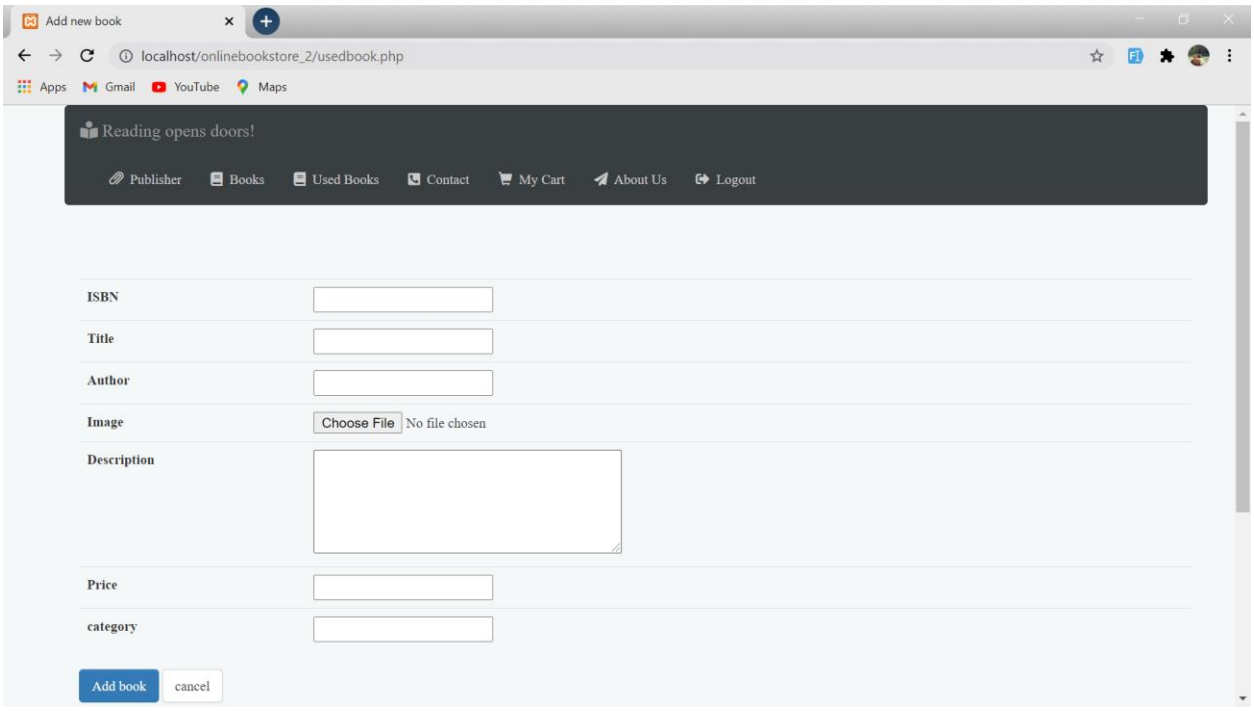


Figure 8: CONTACT PAGE

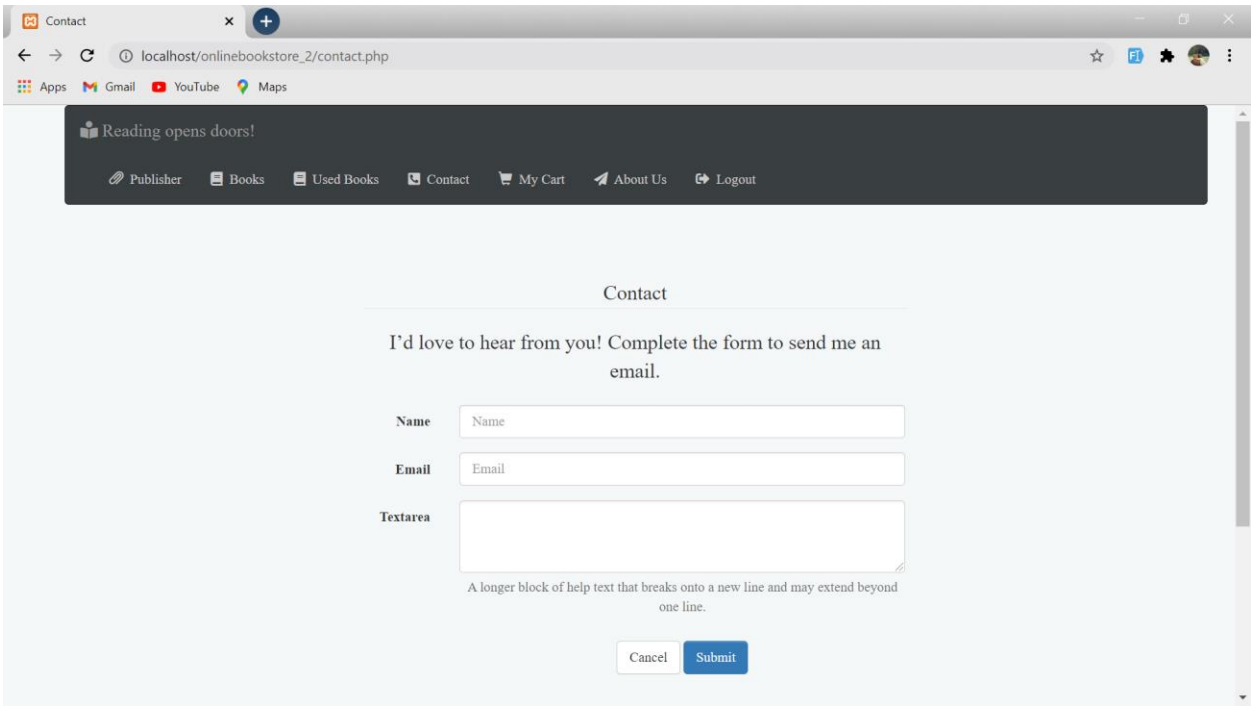


Figure 9: CART PAGE

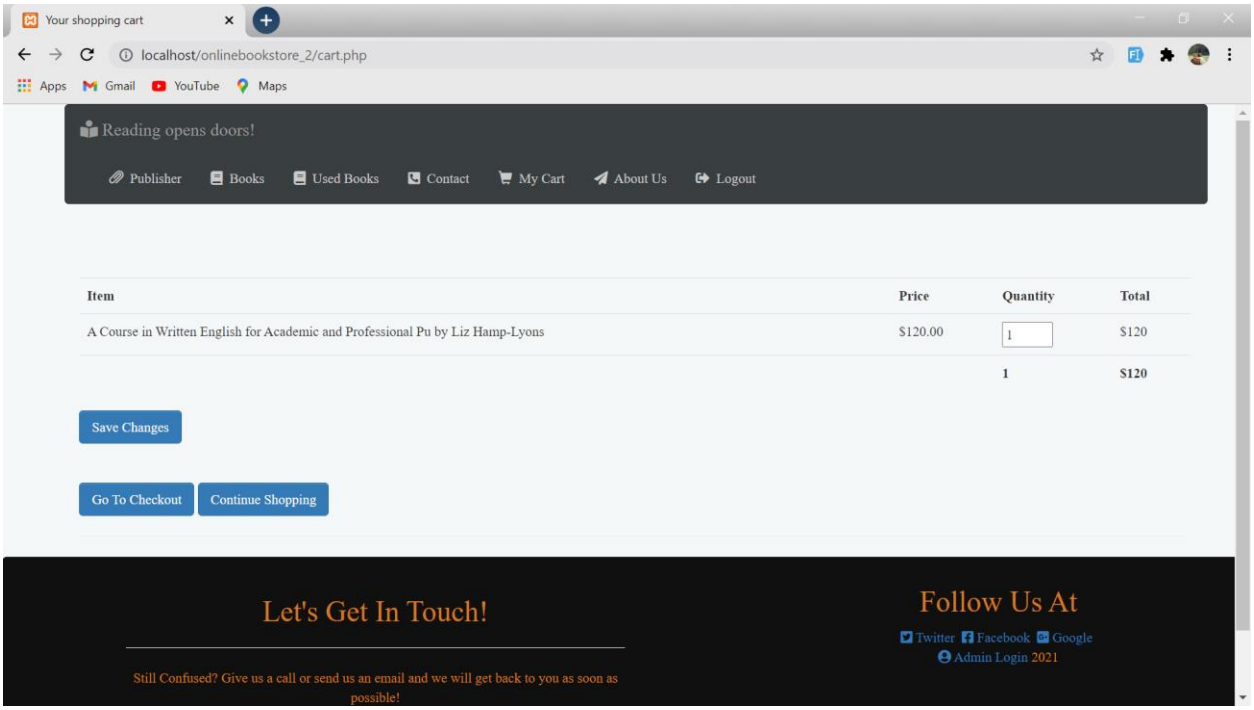


Figure 10: CHECKOUT PAGE

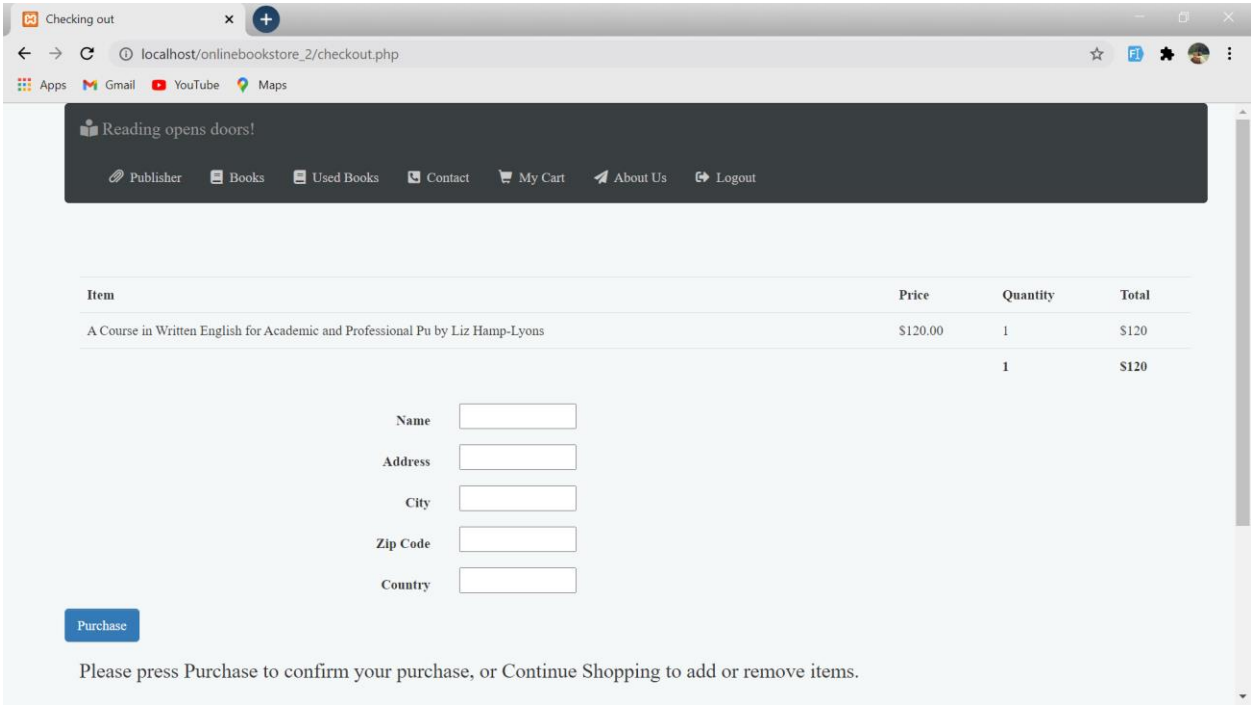


Figure 11: PURCHASE PAGE

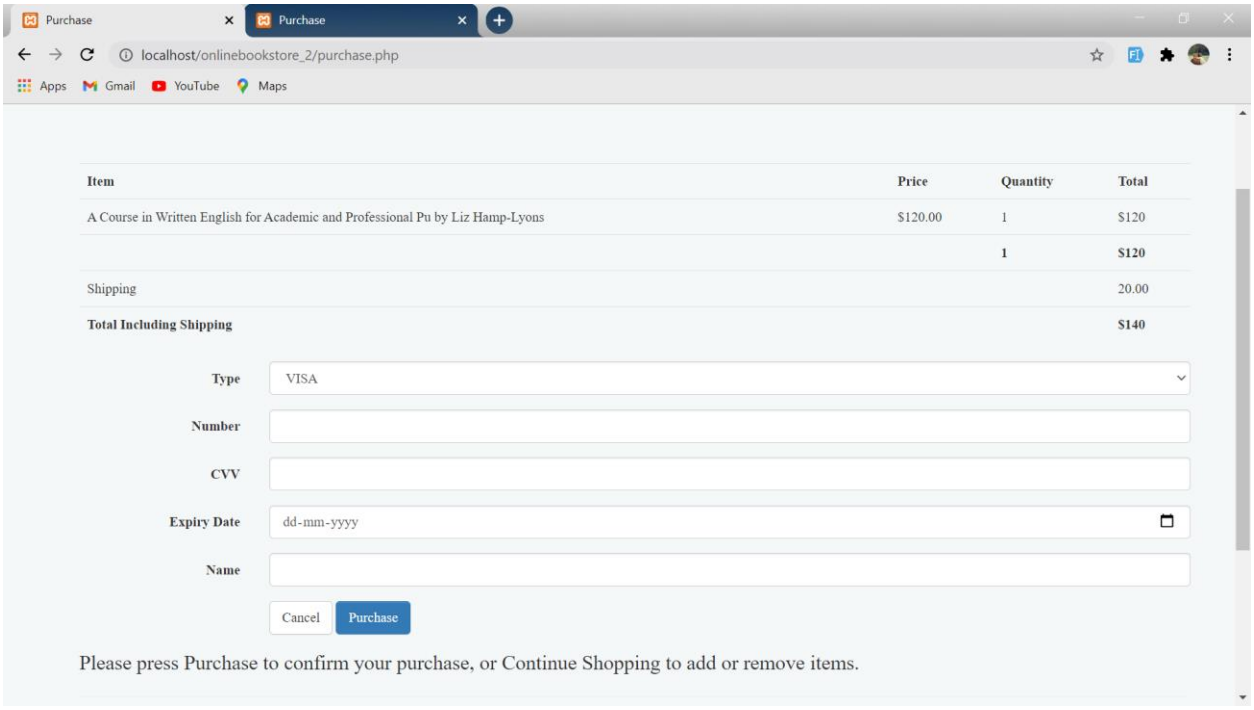


Figure 12: PROCESS PAGE

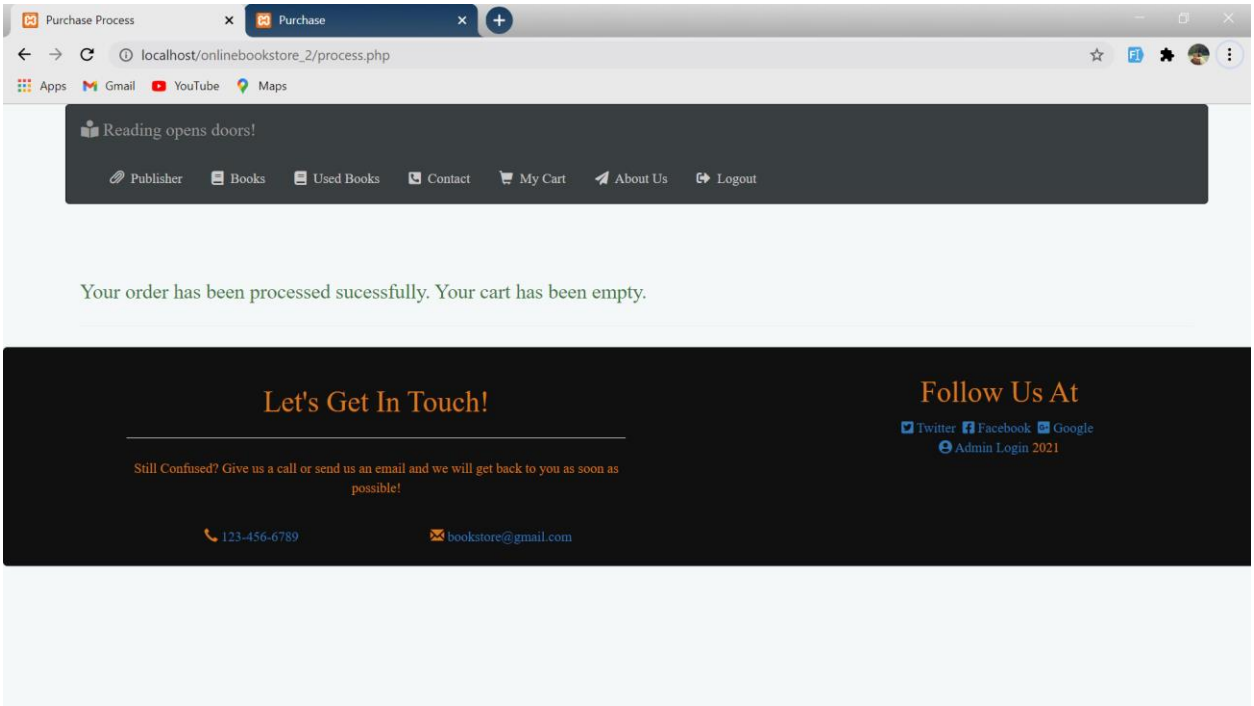


Figure 12: ABOUT US

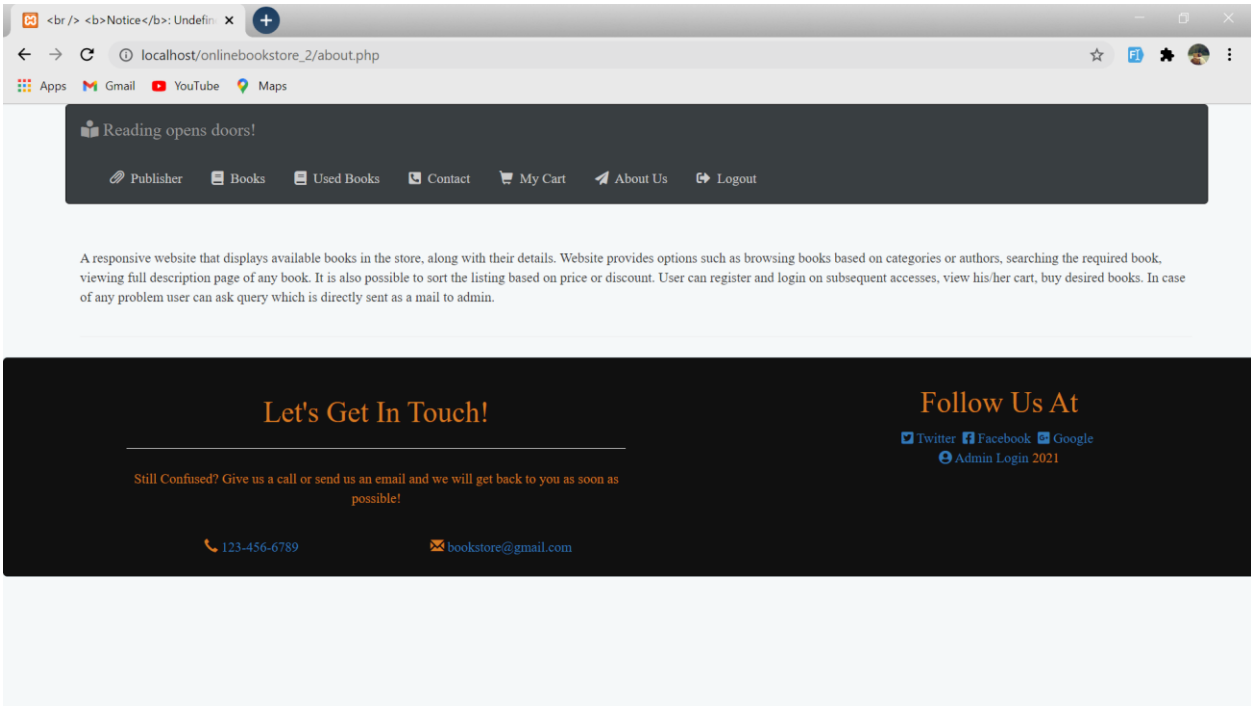


Figure 13: ADMIN LOGIN PAGE

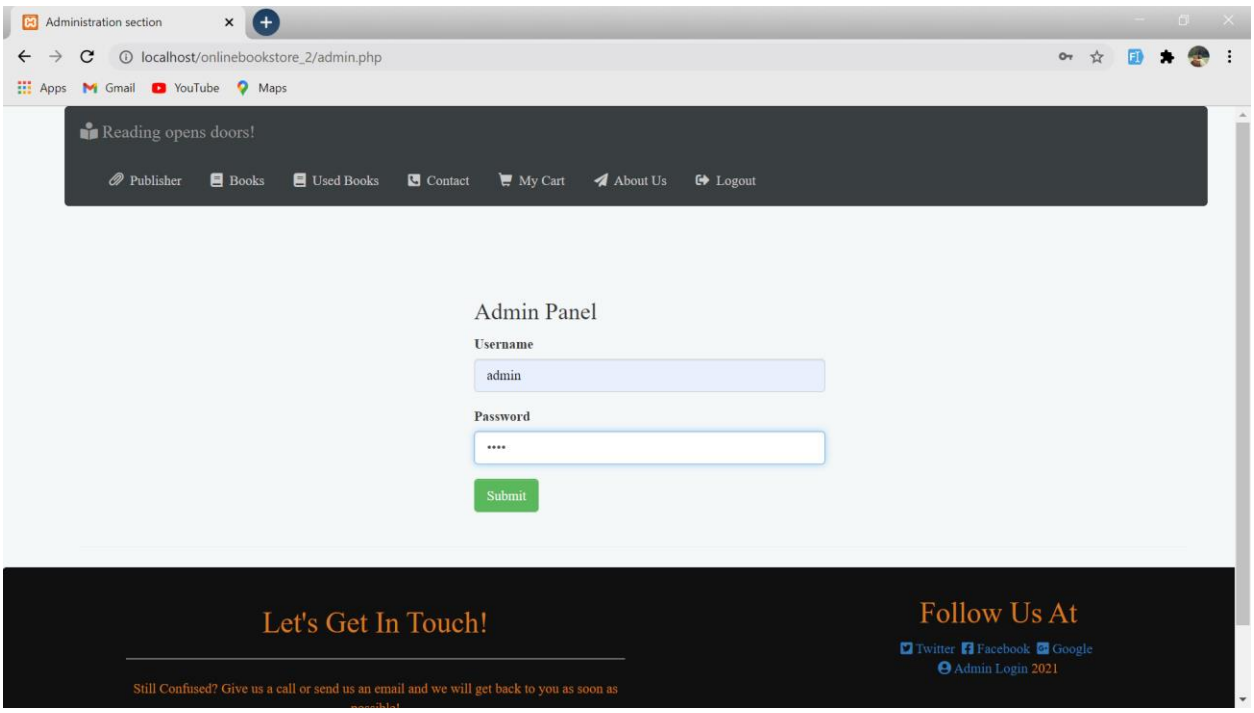


Figure 14: ADMIN BOOK PAGE

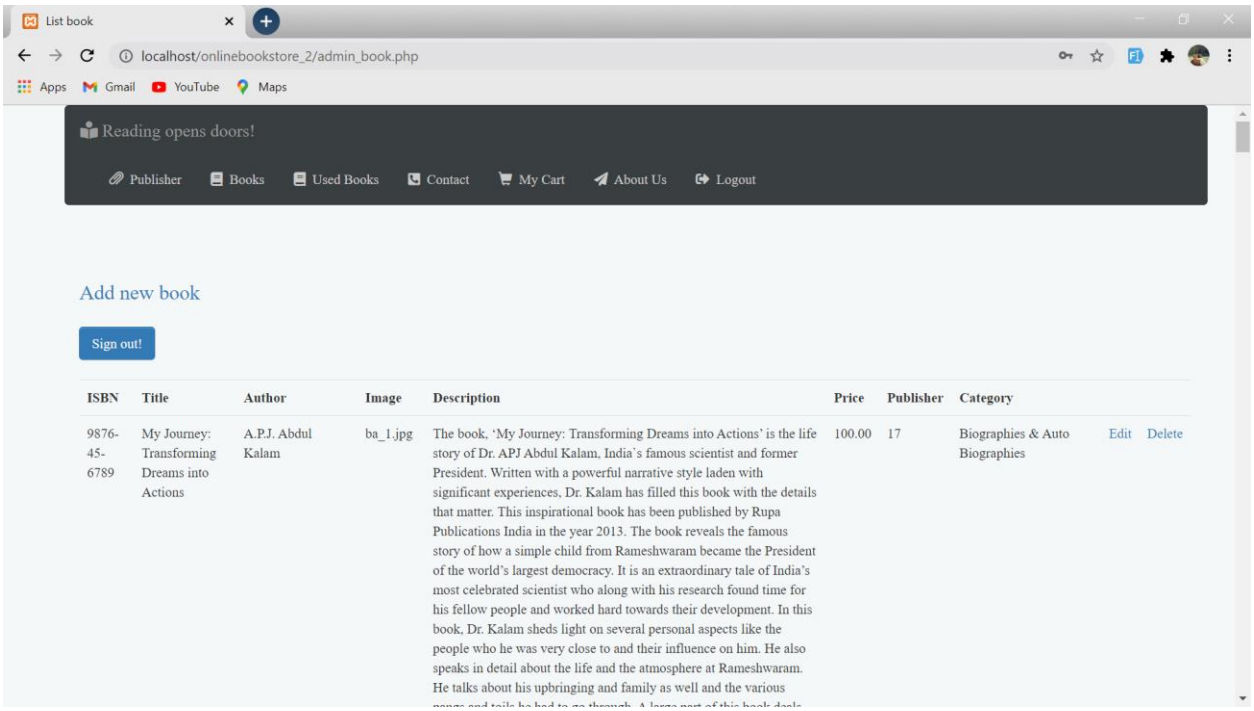
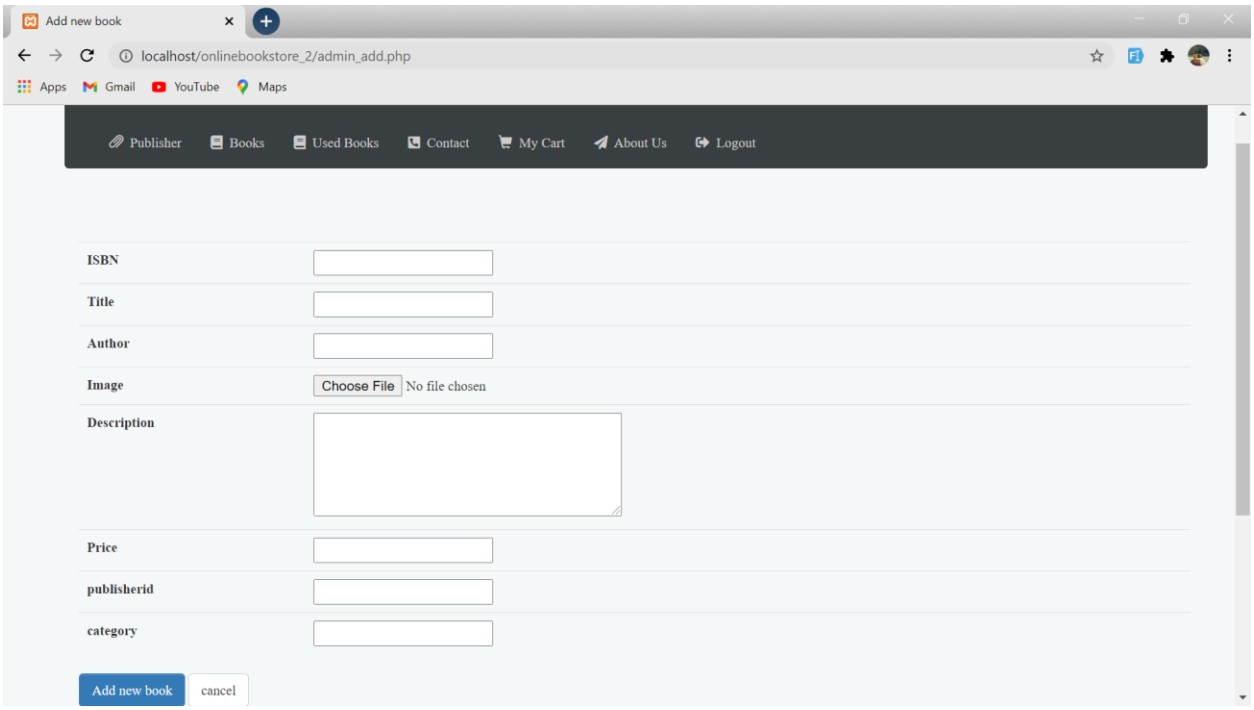


Figure 15: ADMIN ADD NEW BOOK PAGE



C.SAMPLE SOURCE CODE

HOME.PHP:

```
<?php
  session_start();
  $count = 0;
  // connecto database

  $title = "Index";
  require_once "./template/header.php";
  require_once "./functions/database_functions.php";
  $conn = db_connect();
  $row = select4LatestBook($conn);
?>
      <!-- Example row of columns -->

      <p class="lead text-center text-muted" ">Latest books</p> <br><br>
      <div class="row">
        <?php foreach($row as $book) { ?>
        <div class="col-md-3">
          <a href="book.php?bookisbn=<?php echo $book['book_isbn']; ?>">
           <img class="" src="./bootstrap/img/<?php echo $book['book_image']; ?>" width="200px"
 height="200px">
          </a>
        </div>
        <?php } ?>
      </div>
```

```
<?php
  if(isset($conn)) {mysqli_close($conn);}
  require_once "./template/footer.php";
?>
```

CATEGORY.PHP

```
<?php
  session_start();
  $count = 0;
  // connecto database
  require_once "./functions/database_functions.php";
  $conn = db_connect();

  $query = "SELECT * FROM books WHERE category='Acadamic&Professional'";
  $result = mysqli_query($conn, $query);
  if(!$result){
    echo "Can't retrieve data " . mysqli_error($conn);
    exit;
  }

  $title = "ACADAMIC & PROFESSIONAL";
  require_once "./template/header.php";
?>
  <p class="lead text-center text-muted">Acadamic & Professional</p>
    <?php for($i = 0; $i < mysqli_num_rows($result); $i++){ ?>
      <div class="row">
        <?php while($query_row = mysqli_fetch_assoc($result)){ ?>
```

```
        <div class="col-md-3">
          <a href="book.php?bookisbn=<?php echo $query_row['book_isbn']; ?>">
            <img class="img-responsive img-
thumbnail" src="./bootstrap/img/<?php echo $query_row['book_image']; ?>">
          </a>
        </div>
       <?php
         $count++;
         if($count >= 4){
            $count = 0;
            break;
          }
         } ?>
     </div>
<?php
     }
  if(isset($conn)) { mysqli_close($conn); }
  require_once "./template/footer.php";
?>
```

PUBLISHER.PHP

```
<?php
   session_start();
   require_once "./functions/database_functions.php";
   $conn = db_connect();

   $query = "SELECT * FROM publisher ORDER BY publisherid";
   $result = mysqli_query($conn, $query);
```

```
    if(!$result){
        echo "Can't retrieve data " . mysqli_error($conn);
        exit;
    }
    if(mysqli_num_rows($result) == 0){
        echo "Empty publisher ! Something wrong! check again";
        exit;
    }

    $title = "List Of Publishers";
    require "./template/header.php";
?>
    <p class="lead">List of Publisher</p>
    <ul>
    <?php
        while($row = mysqli_fetch_assoc($result)){
            $count = 0;
            $query = "SELECT publisherid FROM books";
            $result2 = mysqli_query($conn, $query);
            if(!$result2){
                echo "Can't retrieve data " . mysqli_error($conn);
                exit;
            }
            while ($pubInBook = mysqli_fetch_assoc($result2)){
                if($pubInBook['publisherid'] == $row['publisherid']){
                    $count++;
                }
```

```
        }
    ?>
        <li>
            <span class="badge"><?php  $count; ?></span>
            <a href="bookPerPub.php?pubid=<?php echo $row['publisherid']; ?>"><?php echo $row
['publisher_name']; ?></a>
        </li>
    <?php } ?>
        <li>
            <a href="books.php">List full of books</a>
        </li>
    </ul>
<?php
    mysqli_close($conn);
    require "./template/footer.php";
?>
```

BOOKS.PHP

```
<?php
  session_start();
  $book_isbn = $_GET['bookisbn'];
  // connecto database
  require_once "./functions/database_functions.php";
  $conn = db_connect();

  $query = "SELECT * FROM books WHERE book_isbn = '$book_isbn'";
  $result = mysqli_query($conn, $query);
  if(!$result){
```

```
    echo "Can't retrieve data " . mysqli_error($conn);
    exit;
  }

  $row = mysqli_fetch_assoc($result);
  if(!$row){
    echo "Empty book";
    exit;
  }

  $title = $row['book_title'];
  require "./template/header.php";
?>
      <!-- Example row of columns -->
      <p class="lead" style="margin: 25px 0"><a href="books.php">Books</a> > <?php echo $ro
w['book_title']; ?></p>
      <div class="row">
        <div class="col-md-3 text-center">
          <img class="img-responsive img-
thumbnail" src="./bootstrap/img/<?php echo $row['book_image']; ?>">
        </div>
        <div class="col-md-6">
          <h4>Book Description</h4>
          <p><?php echo $row['book_descr']; ?></p>
          <h4>Book Details</h4>
          <table class="table">
            <?php foreach($row as $key => $value){
```

```
        if($key == "book_descr" || $key == "book_image" || $key == "publisherid" || $key == "b
ook_title"){
          continue;
        }
        switch($key){
          case "book_isbn":
            $key = "ISBN";
            break;
          case "book_title":
            $key = "Title";
            break;
          case "book_author":
            $key = "Author";
            break;
          case "book_price":
            $key = "Price";
            break;
        }
      ?>
      <tr>
        <td><?php echo $key; ?></td>
        <td><?php echo $value; ?></td>
      </tr>
      <?php
        }
        if(isset($conn)) {mysqli_close($conn); }
      ?>
    </table>
```

```
        <form method="post" action="cart.php">
          <input type="hidden" name="bookisbn" value="<?php echo $book_isbn;?>">
          <input type="submit" value="Purchase / Add to cart" name="cart" class="btn btn-primary">
        </form>
      </div>
    </div>
<?php
  require "./template/footer.php";
?>
```

CONTACT.PHP

```
<?php
  $title = "Contact";
  require_once "./template/header.php";
?>
<?php include 'sendemail.php'; ?>
<?php echo $alert; ?>

   <div class="row">
      <div class="col-md-3"></div>
      <div class="col-md-6 text-center">
         <form class="form-horizontal" method="POST" action="">
            <fieldset>
               <legend>Contact</legend>
               <p class="lead">I'd love to hear from you! Complete the form to send me an email.</p>
               <div class="form-group">
                  <label for="inputName" class="col-lg-2 control-label">Name</label>
```

```
                <div class="col-lg-10">
                    <input type="text" name="name" class="form-
control" id="inputName" placeholder="Name">
                </div>
            </div>
            <div class="form-group">
                <label for="inputEmail" class="col-lg-2 control-label">Email</label>
                <div class="col-lg-10">
                    <input type="text" name="email" class="form-
control" id="inputEmail" placeholder="Email">
                </div>
            </div>
            <div class="form-group">
                <label for="textArea" class="col-lg-2 control-label">Textarea</label>
                <div class="col-lg-10">
                    <textarea class="form-
control" name="message" rows="3" id="textArea"></textarea>
                    <span class="help-
block">A longer block of help text that breaks onto a new line and may extend beyond one line.
</span>
                </div>
            </div>
            <div class="form-group">
                <div class="col-lg-10 col-lg-offset-2">
                    <input type="reset" class="btn btn-default" value="Cancel"name="cancel">
                    <input type="submit" class="btn btn-
primary" value="Submit" name="submit">
                </div>
            </div>
        </fieldset>
```

```
            </form>
        </div>
        <div class="col-md-3"></div>
    </div>
    <script type="text/javascript">
    if(window.history.replaceState){
      window.history.replaceState(null, null, window.location.href);
    }
    </script>

<?php
  require_once "./template/footer.php";
?>
```

USED BOOK.PHP

```
<?php
    session_start();
    require_once "./functions/admin.php";
    $title = "Add new book";
    require "./template/header.php";
    require "./functions/database_functions.php";
    $conn = db_connect();

    if(isset($_POST['add'])){
        $isbn = trim($_POST['isbn']);
        $isbn = mysqli_real_escape_string($conn, $isbn);
```

```
$title = trim($_POST['title']);
$title = mysqli_real_escape_string($conn, $title);

$author = trim($_POST['author']);
$author = mysqli_real_escape_string($conn, $author);

$descr = trim($_POST['descr']);
$descr = mysqli_real_escape_string($conn, $descr);

$price = floatval(trim($_POST['price']));
$price = mysqli_real_escape_string($conn, $price);

$category = trim($_POST['category']);
$category = mysqli_real_escape_string($conn, $category);

// add image
if(isset($_FILES['image']) && $_FILES['image']['name'] != ""){
    $image = $_FILES['image']['name'];
    $directory_self = str_replace(basename($_SERVER['PHP_SELF']), '', $_SERVER['PHP
_SELF']);
    $uploadDirectory = $_SERVER['DOCUMENT_ROOT'] . $directory_self . "bootstrap/im
g/";
    $uploadDirectory .= $image;
    move_uploaded_file($_FILES['image']['tmp_name'], $uploadDirectory);
}
```

```
// find publisher and return pubid
// if publisher is not in db, create new
// $findPub = "SELECT * FROM publisher WHERE publisher_name = '$publisher'";
// $findResult = mysqli_query($conn, $findPub);
// if(!$findResult){
//  // insert into publisher table and return id
//  $insertPub = "INSERT INTO publisher(publisher_name) VALUES ('$publisher')";
//  $insertResult = mysqli_query($conn, $insertPub);
//  if(!$insertResult){
//      echo "Can't add new publisher " . mysqli_error($conn);
//      exit;
//  }
//  $publisherid = mysql_insert_id($conn);
// } else {
//  $row = mysqli_fetch_assoc($findResult);
//  $publisherid = $row['publisherid'];
// }

$query = "INSERT INTO books VALUES ('" . $isbn . "', '" . $title . "', '" . $author . "', '" . $i
mage . "', '" . $descr . "', '" . $price . "', '" . $category . "')";
$result = mysqli_query($conn, $query);
if(!$result){
   echo "Can't add new data " . mysqli_error($conn);
   exit;
} else {
```

```
            header("Location: admin_book.php");
        }
    }
?>
    <form method="post" action="admin_add.php" enctype="multipart/form-data">
        <table class="table">
            <tr>
                <th>ISBN</th>
                <td><input type="text" name="isbn"></td>
            </tr>
            <tr>
                <th>Title</th>
                <td><input type="text" name="title" required></td>
            </tr>
            <tr>
                <th>Author</th>
                <td><input type="text" name="author" required></td>
            </tr>
            <tr>
                <th>Image</th>
                <td><input type="file" name="image"></td>
            </tr>
            <tr>
                <th>Description</th>
                <td><textarea name="descr" cols="40" rows="5"></textarea></td>
```

```
        </tr>
        <tr>
            <th>Price</th>
            <td><input type="text" name="price" required></td>
        </tr>
        <tr>
            <th>category</th>
            <td><input type="text" name="category" required></td>
        </tr>

    </table>
    <input type="submit" name="add" value="Add book" class="btn btn-primary">
    <input type="reset" value="cancel" class="btn btn-default">
</form>
<br/>
<?php
    if(isset($conn)) {mysqli_close($conn);}
    require_once "./template/footer.php";
?>
```

CART.PHP

```
<?php
    // the shopping cart needs sessions, to start one
    /*
        Array of session(
            cart => array (
                book_isbn (get from $_POST['book_isbn']) => number of books
            ),
            items => 0,
```

```
        total_price => '0.00'
    )
*/
session_start();
require_once "./functions/database_functions.php";
require_once "./functions/cart_functions.php";

// book_isbn got from form post method, change this place later.
if(isset($_POST['bookisbn'])){
    $book_isbn = $_POST['bookisbn'];
}

if(isset($book_isbn)){
    // new iem selected
    if(!isset($_SESSION['cart'])){
        // $_SESSION['cart'] is associative array that bookisbn => qty
        $_SESSION['cart'] = array();

        $_SESSION['total_items'] = 0;
        $_SESSION['total_price'] = '0.00';
    }

    if(!isset($_SESSION['cart'][$book_isbn])){
        $_SESSION['cart'][$book_isbn] = 1;
    } elseif(isset($_POST['cart'])){
        $_SESSION['cart'][$book_isbn]++;
        unset($_POST);
    }
}

// if save change button is clicked , change the qty of each bookisbn
if(isset($_POST['save_change'])){
    foreach($_SESSION['cart'] as $isbn =>$qty){
        if($_POST[$isbn] == '0'){
            unset($_SESSION['cart']["$isbn"]);
        } else {
            $_SESSION['cart']["$isbn"] = $_POST["$isbn"];
        }
    }
}

// print out header here
$title = "Your shopping cart";
require "./template/header.php";
```

```
   if(isset($_SESSION['cart']) && (array_count_values($_SESSION['cart']))){
      $_SESSION['total_price'] = total_price($_SESSION['cart']);
      $_SESSION['total_items'] = total_items($_SESSION['cart']);
?>
   <form action="cart.php" method="post">
      <table class="table">
         <tr>
            <th>Item</th>
            <th>Price</th>
            <th>Quantity</th>
            <th>Total</th>
         </tr>
         <?php
            foreach($_SESSION['cart'] as $isbn => $qty){
               $conn = db_connect();
               $book = mysqli_fetch_assoc(getBookByIsbn($conn, $isbn));
         ?>
         <tr>
            <td><?php echo $book['book_title'] . " by " . $book['book_author']; ?></td>
            <td><?php echo "$" . $book['book_price']; ?></td>
            <td><input type="text" value="<?php echo $qty; ?>" size="2" name="<?php echo $is
bn; ?>"></td>
            <td><?php echo "$" . $qty * $book['book_price']; ?></td>
         </tr>
         <?php } ?>
         <tr>
            <th> </th>
            <th> </th>
            <th><?php echo $_SESSION['total_items']; ?></th>
            <th><?php echo "$" . $_SESSION['total_price']; ?></th>
         </tr>
      </table>
      <input type="submit" class="btn btn-
primary" name="save_change" value="Save Changes">
   </form>
   <br/><br/>
   <a href="checkout.php" class="btn btn-primary">Go To Checkout</a>
   <a href="books.php" class="btn btn-primary">Continue Shopping</a>
<?php
   } else {
      echo "<p class=\"text-
warning\">Your cart is empty! Please make sure you add some books in it!</p>";
   }
   if(isset($conn)){ mysqli_close($conn); }
   require_once "./template/footer.php";?>
```

PURCHASE.PHP

```
<?php
   session_start();
   $_SESSION['err'] = 1;
   foreach($_POST as $key => $value){
      if(trim($value) == ''){
         $_SESSION['err'] = 0;
      }
      break;
   }

   if($_SESSION['err'] == 0){
      header("Location: checkout.php");
   } else {
      unset($_SESSION['err']);
   }


   $_SESSION['ship'] = array();
   foreach($_POST as $key => $value){
      if($key != "submit"){
         $_SESSION['ship'][$key] = $value;
      }
   }
   require_once "./functions/database_functions.php";
   // print out header here
   $title = "Purchase";
   require "./template/header.php";
   // connect database
   if(isset($_SESSION['cart']) && (array_count_values($_SESSION['cart']))){
?>
   <table class="table">
      <tr>
         <th>Item</th>
         <th>Price</th>
         <th>Quantity</th>
         <th>Total</th>
      </tr>
         <?php
            foreach($_SESSION['cart'] as $isbn => $qty){
               $conn = db_connect();
               $book = mysqli_fetch_assoc(getBookByIsbn($conn, $isbn));
         ?>
      <tr>
```

```
            <td><?php echo $book['book_title'] . " by " . $book['book_author']; ?></td>
            <td><?php echo "$" . $book['book_price']; ?></td>
            <td><?php echo $qty; ?></td>
            <td><?php echo "$" . $qty * $book['book_price']; ?></td>
        </tr>
        <?php } ?>
        <tr>
            <th> </th>
            <th> </th>
            <th><?php echo $_SESSION['total_items']; ?></th>
            <th><?php echo "$" . $_SESSION['total_price']; ?></th>
        </tr>
        <tr>
            <td>Shipping</td>
            <td> </td>
            <td> </td>
            <td>20.00</td>
        </tr>
        <tr>
            <th>Total Including Shipping</th>
            <th> </th>
            <th> </th>
            <th><?php echo "$" . ($_SESSION['total_price'] + 20); ?></th>
        </tr>
    </table>
    <form method="post" action="process.php" class="form-horizontal">
        <?php if(isset($_SESSION['err']) && $_SESSION['err'] == 1){ ?>
        <p class="text-danger">All fields have to be filled</p>
        <?php } ?>
        <div class="form-group">
            <label for="card_type" class="col-lg-2 control-label">Type</label>
            <div class="col-lg-10">
                <select class="form-control" name="card_type">
                    <option value="VISA">VISA</option>
                    <option value="MasterCard">MasterCard</option>
                    <option value="American Express">American Express</option>
                </select>
            </div>
        </div>
        <div class="form-group">
            <label for="card_number" class="col-lg-2 control-label">Number</label>
            <div class="col-lg-10">
                <input type="text" class="form-control" name="card_number">
            </div>
        </div>
```

```
        <div class="form-group">
            <label for="card_PID" class="col-lg-2 control-label">CVV</label>
            <div class="col-lg-10">
                <input type="text" class="form-control" name="card_PID">
            </div>
        </div>
        <div class="form-group">
            <label for="card_expire" class="col-lg-2 control-label">Expiry Date</label>
            <div class="col-lg-10">
                <input type="date" name="card_expire" class="form-control">
            </div>
        </div>
        <div class="form-group">
            <label for="card_owner" class="col-lg-2 control-label">Name</label>
            <div class="col-lg-10">
                <input type="text" class="form-control" name="card_owner">
            </div>
        </div>
        <div class="form-group">
            <div class="col-lg-10 col-lg-offset-2">
                <button type="reset" class="btn btn-default">Cancel</button>
                <button type="submit" class="btn btn-primary">Purchase</button>
            </div>
        </div>
    </form>
    <p class="lead">Please press Purchase to confirm your purchase, or Continue Shopping to add
 or remove items.</p>
<?php
    } else {
        echo "<p class=\"text-
warning\">Your cart is empty! Please make sure you add some books in it!</p>";
    }
    if(isset($conn)){ mysqli_close($conn); }
    require_once "./template/footer.php";
?>
```

PROCESS.PHP

```
<?php
    session_start();

    $_SESSION['err'] = 1;
    foreach($_POST as $key => $value){
        if(trim($value) == ''){
            $_SESSION['err'] = 0;
        }
```

```
        break;
    }

    if($_SESSION['err'] == 0){
        header("Location: purchase.php");
    } else {
        unset($_SESSION['err']);
    }

    require_once "./functions/database_functions.php";
    // print out header here
    $title = "Purchase Process";
    require "./template/header.php";
    // connect database
    $conn = db_connect();
    extract($_SESSION['ship']);

    // validate post section
    $card_number = $_POST['card_number'];
    $card_PID = $_POST['card_PID'];
    $card_expire = strtotime($_POST['card_expire']);
    $card_owner = $_POST['card_owner'];

    // find customer
    $customerid = getCustomerId($name, $address, $city, $zip_code, $country);
    if($customerid == null) {
        // insert customer into database and return customerid
        $customerid = setCustomerId($name, $address, $city, $zip_code, $country);
    }
    $date = date("Y-m-d H:i:s");
    insertIntoOrder($conn, $customerid, $_SESSION['total_price'], $date, $name, $address, $city,
$zip_code, $country);

    // take orderid from order to insert order items
    $orderid = getOrderId($conn, $customerid);

    foreach($_SESSION['cart'] as $isbn => $qty){
        $bookprice = getbookprice($isbn);
        $query = "INSERT INTO order_items VALUES
        ('$orderid', '$isbn', '$bookprice', '$qty')";
        $result = mysqli_query($conn, $query);
        if(!$result){
            echo "Insert value false!" . mysqli_error($conn2);
            exit;
        }
    }
```

```
   session_unset();
?>
   <p class="lead text-
success">Your order has been processed sucessfully. Your cart has been empty.</p>

<?php
   if(isset($conn)){
      mysqli_close($conn);
   }
   require_once "./template/footer.php";
?>
```

ADMIN.PHP

```
<?php
   $title = "Administration section";
   require_once "./template/header.php";
?>

<div class="container">
<div class="row">
<div class="col-sm-4"></div>
<div class="col-sm-4">
<h3>Admin Panel</h3>

         <form action="admin_verify.php" method="POST" class="">
            <div class="form-group">
            <label for="">Username</label>
            <input type="text" placeholder="username" name="name"class="form-control">


         </div>
         <div class="form-group">
         <label for="">Password</label>
            <input type="password" placeholder="Password" name="pass"class="form-control">


            </div>

         <div class="form-group">
            <input type="submit" name="submit" class="btn btn-success" >
         </div>
         </form>
   </div>
   <div class="col-sm-4"></div>
   </div>
```

```
    </div>

<?php
    require_once "./template/footer.php";
?>
```

ADMIN VERIFY.PHP

```
<?php
    session_start();
    if(!isset($_POST['submit'])){
        echo "Something wrong! Check again!";
        exit;
    }
    require_once "./functions/database_functions.php";
    $conn = db_connect();

    $name = trim($_POST['name']);
    $pass = trim($_POST['pass']);

    if($name == "" || $pass == ""){
        echo "Name or Pass is empty!";
        exit;
    }

    $name = mysqli_real_escape_string($conn, $name);
    $pass = mysqli_real_escape_string($conn, $pass);
    $pass = sha1($pass);

    // get from db
    $query = "SELECT name, pass from admin";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "Empty data " . mysqli_error($conn);
        exit;
    }
    $row = mysqli_fetch_assoc($result);

    if($name != $row['name'] && $pass != $row['pass']){
        echo "Name or pass is wrong. Check again!";
        $_SESSION['admin'] = false;
        exit;
    }

    if(isset($conn)) {mysqli_close($conn);}
```

```
    $_SESSION['admin'] = true;
    header("Location: admin_book.php");
?>
```

ADMIN BOOK.PHP

```
<?php
    session_start();
    require_once "./functions/admin.php";
    $title = "List book";
    require_once "./template/header.php";
    require_once "./functions/database_functions.php";
    $conn = db_connect();
    $result = getAll($conn);
?>
    <p class="lead"><a href="admin_add.php">Add new book</a></p>
    <a href="admin_signout.php" class="btn btn-primary">Sign out!</a>
    <table class="table" style="margin-top: 20px">
        <tr>
            <th>ISBN</th>
            <th>Title</th>
            <th>Author</th>
            <th>Image</th>
            <th>Description</th>
            <th>Price</th>
            <th>Publisher</th>
            <th>Category</th>
            <th> </th>
            <th> </th>
        </tr>
        <?php while($row = mysqli_fetch_assoc($result)){ ?>
        <tr>
            <td><?php echo $row['book_isbn']; ?></td>
            <td><?php echo $row['book_title']; ?></td>
            <td><?php echo $row['book_author']; ?></td>
            <td><?php echo $row['book_image']; ?></td>
            <td><?php echo $row['book_descr']; ?></td>
            <td><?php echo $row['book_price']; ?></td>
                <td><?php echo $row['publisherid']; ?></td>
            <td><?php echo $row['category']; ?></td>
            <td><a href="admin_edit.php?bookisbn=<?php echo $row['book_isbn']; ?>">Edit</a></t
d>
            <td><a href="admin_delete.php?bookisbn=<?php echo $row['book_isbn']; ?>">Delete</
a></td>
```

```
        </tr>
        <?php } ?>
    </table>

<?php
    if(isset($conn)) {mysqli_close($conn);}
    require_once "./template/footer.php";
?>
```

ADMIN ADD .PHP

```
<?php
    session_start();
    require_once "./functions/admin.php";
    $title = "Add new book";
    require "./template/header.php";
    require "./functions/database_functions.php";
    $conn = db_connect();

    if(isset($_POST['add'])){
        // $book_id = trim($_POST['book_id']);
        // $book_id = mysqli_real_escape_string($conn, $book_id);

        $isbn = trim($_POST['isbn']);
        $isbn = mysqli_real_escape_string($conn, $isbn);

        $title = trim($_POST['title']);
        $title = mysqli_real_escape_string($conn, $title);

        $author = trim($_POST['author']);
        $author = mysqli_real_escape_string($conn, $author);

        $image = trim($_POST['image']);
        $image = mysqli_real_escape_string($conn, $image);

        $descr = trim($_POST['descr']);
        $descr = mysqli_real_escape_string($conn, $descr);

        $price = floatval(trim($_POST['price']));
        $price = mysqli_real_escape_string($conn, $price);

        $publisher = trim($_POST['publisher']);
        $publisher = mysqli_real_escape_string($conn, $publisher);
```

```
        $category = trim($_POST['category']);
        $category = mysqli_real_escape_string($conn, $category);

        // add image
        if(isset($_FILES['image']) && $_FILES['image']['name'] != ""){
            $image = $_FILES['image']['name'];
            $directory_self = str_replace(basename($_SERVER['PHP_SELF']), '', $_SERVER['PHP
_SELF']);
            $uploadDirectory = $_SERVER['DOCUMENT_ROOT'] . $directory_self . "bootstrap/im
g/";
            $uploadDirectory .= $image;
            move_uploaded_file($_FILES['image']['tmp_name'], $uploadDirectory);
        }

        // find publisher and return pubid
        // if publisher is not in db, create new
        $findPub = "SELECT * FROM publisher WHERE publisher_name = '$publisher'";
        $findResult = mysqli_query($conn, $findPub);
        if(!$findResult){
            // insert into publisher table and return id
            $insertPub = "INSERT INTO publisher(publisher_name) VALUES ('$publisher')";
            $insertResult = mysqli_query($conn, $insertPub);
            if(!$insertResult){
                echo "Can't add new publisher " . mysqli_error($conn);
                exit;
            }
            $publisherid = mysql_insert_id($conn);
        }
         else {
            $row = mysqli_fetch_assoc($findResult);
            $publisherid = $row['publisherid'];
        }


        $query = "INSERT INTO books VALUES ('" . $book_id . "','" . $publisherid . "','" . $isbn .
"', '" . $title . "', '" . $author . "', '" . $image . "', '" . $descr . "', '" . $price . "','".$category."')";
        $result = mysqli_query($conn, $query);
        if(!$result){
            echo "Can't add new data " . mysqli_error($conn);
            exit;
        } else {
            header("Location: admin_book.php");
        }
    }
```

```
?>
   <form method="post" action="admin_add.php" enctype="multipart/form-data">
      <table class="table">
         <tr>
            <th>ISBN</th>
            <td><input type="text" name="isbn"></td>
         </tr>
         <tr>
            <th>Title</th>
            <td><input type="text" name="title" required></td>
         </tr>
         <tr>
            <th>Author</th>
            <td><input type="text" name="author" required></td>
         </tr>
         <tr>
            <th>Image</th>
            <td><input type="file" name="image"></td>
         </tr>
         <tr>
            <th>Description</th>
            <td><textarea name="descr" cols="40" rows="5"></textarea></td>
         </tr>
         <tr>
            <th>Price</th>
            <td><input type="text" name="price" required></td>
         </tr>
         <tr>
            <th>publisherid</th>
            <td><input type="text" name="publisher" required></td>
         </tr>

         <tr>
            <th>category</th>
            <td><input type="text" name="category" required></td>
         </tr>

      </table>
      <input type="submit" name="add" value="Add new book" class="btn btn-primary">
      <input type="reset" value="cancel" class="btn btn-default">
   </form>
   <br/>
<?php
   if(isset($conn)) {mysqli_close($conn);}
   require_once "./template/footer.php";?>
```

ADMIN EDIT.PHP

```
<?php
   session_start();
   require_once "./functions/admin.php";
   $title = "Edit book";
   require_once "./template/header.php";
   require_once "./functions/database_functions.php";
   $conn = db_connect();

   if(isset($_GET['bookisbn'])){
      $book_isbn = $_GET['bookisbn'];
   } else {
      echo "Empty query!";
      exit;
   }

   if(!isset($book_isbn)){
      echo "Empty isbn! check again!";
      exit;
   }

   // get book data
   $query = "SELECT * FROM books WHERE book_isbn = '$book_isbn'";
   $result = mysqli_query($conn, $query);
   if(!$result){
      echo "Can't retrieve data " . mysqli_error($conn);
      exit;
   }
   $row = mysqli_fetch_assoc($result);
?>
   <form method="post" action="edit_book.php" enctype="multipart/form-data">
      <table class="table">
         <tr>
            <th>ISBN</th>
            <td><input type="text" name="isbn" value="<?php echo $row['book_isbn'];?>" readO
nly="true"></td>
         </tr>
         <tr>
            <th>Title</th>
            <td><input type="text" name="title" value="<?php echo $row['book_title'];?>" require
d></td>
         </tr>
         <tr>
            <th>Author</th>
```

```
            <td><input type="text" name="author" value="<?php echo $row['book_author'];?>" re
quired></td>
        </tr>
        <tr>
            <th>Image</th>
            <td><input type="file" name="image"></td>
        </tr>
        <tr>
            <th>Description</th>
            <td><textarea name="descr" cols="40" rows="5"><?php echo $row['book_descr'];?><
/textarea>
        </tr>
        <tr>
            <th>Price</th>
            <td><input type="text" name="price" value="<?php echo $row['book_price'];?>" requ
ired></td>
        </tr>
        <tr>
            <th>Publisher</th>
            <td><input type="text" name="publisher" value="<?php echo getPubName($conn, $ro
w['publisherid']); ?>" required></td>
        </tr>
        <tr>
        <th> Category</th>
        <td><input type="text" name="category" value="<?php echo getPubName($conn, $row['
category']); ?>" required></td>
        </tr>
      </table>
      <input type="submit" name="save_change" value="Change" class="btn btn-primary">
      <input type="reset" value="cancel" class="btn btn-default">
   </form>
   <br/>
   <a href="admin_book.php" class="btn btn-success">Confirm</a>
<?php
   if(isset($conn)) {mysqli_close($conn);}
   require "./template/footer.php"
?>
```

ADMIN DELETE.PHP

```
<?php
   $book_isbn = $_GET['bookisbn'];

   require_once "./functions/database_functions.php";
```

```
    $conn = db_connect();

    $query = "DELETE FROM books WHERE book_isbn = '$book_isbn'";
    $result = mysqli_query($conn, $query);
    if(!$result){
        echo "delete data unsuccessfully " . mysqli_error($conn);
        exit;
    }
    header("Location: admin_book.php");
?>
```