# “THE ONLINE BOOKSTORE”

### A Project report submitted

**In the partial fulfilment the award of degree of**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING (2022-2023)**

**BY**

**STUDENT NAME: D. BENYAMEENU**

**Reg.No.: 211801130001**

**Under the esteemed Guidance of**

**Mrs. G. Rama Devi, M.Tech,(Ph.d),Asst. Professor**

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**CENTURION UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY**

**Rollavaka village, Tekkali mandal 535003**

**(2022-2023)**

##### CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

**ANDHRA PRADESH**

**(2019-2023)**

##### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

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**Dept. of CSE Dept. of ECE**

**EXTERNAL EXAMINER**

**ACKNOWLEDGEMENT**

It is with at most pleasure and excitement we submit our project partial fulfillment of the requirement for the award of Bachelor of Technology.

The project is a result to the cumulate efforts, support, guidance, encouragement and inspiration from many of those for whom we have to give our truthful honor and express gratitude through bringing out this project at the outset as per our knowledge.

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**DECLA****RATION**

I hereby declare that the project entitled **“THE ONLINE BOOKSTORE”** submitted to the fulfilment of award the degree of **B.TECH (ECE)** in **CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**, **ANDHRA PRADESH.**

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**Under the esteemed Guidance of**

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**STUDENT NAME: K. GOVARDHANI**

**Reg.No:211801130004**

**TABLE OF CONTENTS**

1. **INTRODUCTION** 
   1. PURPOSE
   2. SCOPE
   3. REFERENCES
2. **FLOWCHART**
   1. **LOGICAL STRUCTURE OF THE DATA** 
      1. Information used
      2. Data model
3. **FEATURES**
   1. ACCOUNT REGISTRATION
      1. Functionality of account registration
   2. ACCOUNT LOGIN
      1. Functionality of account login
   3. SEARCH
      1. Functionality of search
   4. ADDING TO SHOPPING CART
      1. Functionality of shopping cart
   5. DELETING FROM SHOPPING CART
      1. Functionality of deleting from shopping cart
   6. CONTACT US
      1. Functionality of contact us
   7. ACCOUNT LOGOUT
      1. Functionality of account logout
4. **WORKING**
5. **REFERENCES**
6. **INTRODUCTION**

The BOOKBIRD is the website which is created to provide multiple books at your door step with the most convenient price. We can observe that many books cannot be bought physically due to less no. of manufacturing of that particular book at that particular area. So, we have decided to create a website where everyone can get their favourite book as soon as possible at the lowest.

* 1. PURPOSE

The main purpose of this SRS (Software Requirement Specifications) is providing the document on the specification and requirements for the BOOKBIRD the online bookstore website.

* 1. SCOPE

The main objective of this document is to create and implement the website for BOOKBIRD online bookstore. This website can be used by anyone who are willing to gain knowledge. This website allows user to create and maintain the individual secured accounts, where they can by books with secured credentials and easy payment process. This website is designed in such a way that a person can feel free to buy books quicker, easier and much more convenient.

* 1. REFERENCES

The following material is used in creating the website

1. Visual studio- for writing the code
2. Php webserver- to display the website
3. **FLOWCHART**

START

LOGIN ID

SAVED LOGIN CREDEN

WRONG

CORRECT

RELOGIN FORM

LOGIN TO WEB

REDIRECTING TO MAIN PAGE

OPEN OBS BB

SHOPPING CART

SHOP UR BOOK

ADD TO CART

LOGOUT

STOP

REMOVE BOOK

BUY BOOK

PROCEED PAYMENT

* 1. **LOGICAL STRUCTURE OF THE DATA**

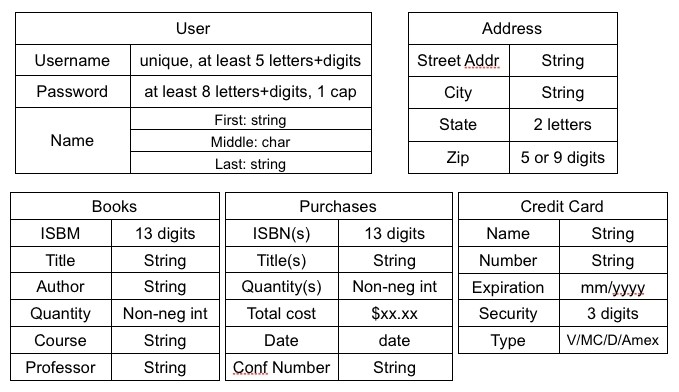
The two sections below show the different types of information used by various functions and the overall data model, respectively.

* + 1. INFORMATION USED

The types of information used by various functions of the website:

|  |  |
| --- | --- |
| **Function** | **Types of Information Used** |
| Account Registration | User information (user name, and password) |
| Account login | User information (user name, and password) |
| Search | Book information (title, author, course name, professor) |
| Checkout | Credit card information (credit card type, credit card number), account purchase history (see below, *View account purchase history*), book information (number on hand) |
| View account purchase history | Purchase history information (quantity, confirmation number, date of purchase, credit card type, credit card expiration date, title of book(s), price of book(s), total of purchases |

* + 1. DATA MODEL



1. **FEATURES**

The following list of functions will explain about the major features of BOOKBIRD online book store.

* 1. ACCOUNT REGISTRATION

The registration function shall allow users to create secure accounts. The account will track the user’s name and password. This provides security to the account member by setting up an account that is password protected. This also offers convenience so the user only has to enter the information listed above once and then it is stored in the account.

* + 1. **Functionality of account registration** 
       - * The system shall allow a non-registered user to create a secure account.
         * The system shall require the following information from the user: Name, password.
         * The system shall ask the user for a username and password.
         * The system shall confirm the username and password are acceptable.
         * The system shall store the information in the database.
  1. ACCOUNT LOGIN

The account login function shall allow account members to enter their username and password**.** Once verified, users will be able to access account history, purchase books online, and update their account information. This provides a method by which the user can access the restricted operations.

* + 1. **Functionality of account login**
       - * The system shall allow a registered user to log-in to their account.
         * The system shall require a username and password from the user.
         * The system will verify the username and password, and the user will be considered “logged-in”.
  1. SEARCH

The search function shall offer users the ability to search for books by title, author, subject, course name. This offers a way to find a book if the user does not have complete information about it. It also provides price and availability information.

* + 1. **Functionality of search**
       - The system shall allow a user to search for books by title, author, subject, course name, professor.
       - The search results will include a picture of the front cover, along with the title, author, price, availability.
  1. ADDING TO SHOPPING CART

The add to shopping cart function shall allow users to temporarily save books in a list that are being considered for purchase. This offers convenience to the user by storing the books of interest online and allowing continuation of shopping.

* + 1. **Functionality of adding to shopping cart** 
       - The system shall allow a registered and logged-in user to temporarily save books that are being considered for purchase into a list associated with their account
       - When viewing the shopping cart list, the system shall display the total price of the books in the cart.
  1. DELETING FROM SHOPPING CART

The delete from shopping cart function shall remove any unwanted books from the cart**.** This allows users to change their orders easily and not be forced to purchase books that are no longer of interest.

* + 1. **Functionality of deleting from shopping cart**
       - The system shall allow a registered and logged-in user to remove any unwanted books from their shopping cart.
       - The system shall provide the user a way to select one of the books in his/ her cart for deletion.
       - After the user has indicated the particular book to be deleted from their shopping cart, the stored list representing the shopping cart should be updated by removing the list, and the display should be updated to show only the books remaining in the cart.
  1. CONTACT US

The contact us function shall give users the store a telephone number, email address. This helps the user gain trust in the bookstore by showing how easy it is to have person-to-person contact with a bookstore employee.

* + 1. **Functionality of contact us**
* The system shall allow a user to view various methods of contacting the store.
* The system shall display the store address, telephone number, email address, and directions on how to get to the store
  1. ACCOUNT LOGOUT

The account logout function shall allow account members to exit their account for security purposes**.** This allows account members to exit their accounts, and prevent others from accessing it

* + 1. **Functionality of account logout**

The system shall allow the registered and logged-in user to exit his/her account, so that access to operations requiring a user to be logged in are now disabled.

**WORKING**

REQUIREMENTS

* Download and install any local web server such as XAMPP.

SYSTEM INSTALLATION/SETUP

1. Open your XAMPP Control Panel and start Apache and MySQL.
2. Extract the downloaded source code zip file.
3. Copy the extracted source code folder and paste it into the XAMPP's "htdocs" directory.
4. Browse the PhpMyAdmin in a browser. i.e., http://localhost/phpmyadmin
5. Create a new database
6. Import the provided SQL file. Which is located inside the database folder.
7. Browse the Simple Online Book Store System in a browser. i.e. <http://localhost/filename>

ORKING ON WEBSITE

The BOOKBIRD online bookstore website will work functionally once the user have created user login id, since it makes easier to store the details of the user and their history as well. Once the user is done with creating login id, they can search their specific book under different categories which are displayed on the front page of the website. Then they can add the convenient book / the required book to the shopping cart and can view their shopping cart once they are done with adding the required books. Before proceeding to pay they can review their cart and they can remove the book which they don’t need or the book which is added by mistake. At last, the user can proceed for the payment from the cart by adding their delivery address and the card credential which will be secured with the website.

1. **EXTERNAL INTERFERENCE**
   1. SYSTEM INTERFERENCE

The system will have interference if the localhost is not connected to the MySQL and Apache server before opening the website.

This can be overcome by activating the webserver in xampp application and writing the correct URL in google

* 1. USER INTERFERENCE
* There are two different types of user interference. The first one is the internet connection. If proper internet/Wi-Fi connection is not provided then there will be buffering while login or adding books in cart.
* The second interference would be the login credential. If proper login credential is not provided then the person might not be allowed to purchase books from the website
  1. HARDWARE INTERFERENCE

There is no special hardware interference

* 1. SOFTWARE INTERFERENCE

There is no special hardware interference

* 1. COMMUNICATION INTERFERENCE

There is no special communication interference

1. **REFERENCES**

* <http://localhost/phpmyadmin/>
* <http://localhost/phpmyadmin/index.php?route=/import>
* <https://www.sourcecodester.com/php/15423/simple-online-book-store-system-php-free-source-code.html>
* <https://www.geeksforgeeks.org/php-tutorials/>