

A MINI PROJECT REPORT

On

ONLINE BOOK STORE

Submitted by

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Declaration

We hereby declare that the work which is being presented in the Mini Project “**Online Book Store**”, in fulfillment of the requirements for Mini-Project, is an authentic record of our own work carried under the supervision of **Saurabh Anand, Assistant Professor, GLA University, Mathura.**

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CERTIFICATE

This is to certify that the project entitled “***ONLINE BOOK STORE***” carried out in Mini Project is a Bonafede work done by **Abhishek Kumar (181510001)**, **Saurabh Pundir (181510028)**, **Sparsh Agrawal (181510033)** and is submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering).

Sign_____

Mr. Saurabh Anand

(IBM Coordinator)

Date: 12/12/2020

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B. Tech Mini Project undertaken during B. Tech. Third Year. This project in itself is an acknowledgement to the inspiration, drive and technical assistance contributed to it by many individuals. This project would never have seen the light of the day without the help and guidance that we have received.

*Our heartiest thanks to **Prof. (Dr.) Anand Singh Jalal**, Head of Dept., Department of CEA for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal.*

*We owe special debt of gratitude to **Mr. Saurabh Anand**, Assistant Professor Department of CEA, for his constant support and guidance throughout the course of our work. His sincerity, thoroughness and perseverance have been a constant source of inspiration for us. He has showered us with all his extensively experienced ideas and insightful comments at virtually all stages of the project & has also taught us about the latest industry-oriented technologies.*

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

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Abstract

Online book store: In this cloud computing project, we'll develop a book store management system using AMAZON WEB SERVICES(AWS) that contains books arranged in different sections and categories which are made easily available for users. The user can also search for a particular book by typing the book name or author name.

INTRODUCTION

1. OVERVIEW

An online bookstore software projects that acts as a central database containing various books in stock along with their complete details. This project is a website that acts as a central book store. This web project is developed using php as the front end and sql as a back-end while hosted on AWS. The sql database stores various book related details. 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 details. The user may even search for specific books by name, by category or by publisher name or by author name in the website.

The software has the following three main components: -

1. Implement of new user to register and login.
2. Implement user to choose any book.
3. Implement the user to buy books.

1.1 FEATURES

1. A Home pages

This is the home page which will be navigated right after clicking the website link. It will display a welcome message with a cover page while some books below it. It also has a taskbar on the top of the page which has a search box, publisher, category, books, my cart, sign in and signup link.

2. Sign-in/ Sign-up

An existing user can login using the sign in option while a new user can create the account by clicking on sign up link. All the user sessions will be saved in the database as soon as the user fill up their details

.

3. Search

A search by keyword option is provided to the user using a textbox.

4. Advanced Search

Advanced search helps the user to search for a book based on Title, Author, Category and publisher.

All the books which match the particular search criteria and their total count will be displayed. From here the user can select a book and add to the shopping cart.

5. Book Description

If the user would like to know details about a book he can click on the title from where he will be directed to a Book description page. It includes a quick summary of what the book is all about.

6. Shopping cart

The user can manage a shopping cart which will include all the books he selected. The user can edit, delete and update his shopping cart. A final shopping cart summary is displayed which includes all the items the user selected and the final total cost.

1.2 ROLES

This system can be operated by various users with different roles according to their profile in the system. The various roles in this system are:

- **Manager:**

It has all the access and controls the functioning of system and database, it manages all the resources functionalities and database.

The manager will be provided with special functionalities like

- Add or delete a book category
- Add or delete a member
- Manage member orders.
- Add or delete a Book

- **Customers:**

They are the users of the application, they have access to view a book, and can add it to cart.