# **ABSTRACT**

Topic: Online Book Store

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title later can add to the shopping cart and finally purchase. The books are divided into many categories .The user can login using his account details or new customers can set up an account very quickly. They should give the details of their name, contact number and shipping address.

**USERS**

1. **Store owner**

Login/Logout

Manage Books

Manage Categories

Manage delivery

1. **Customer**

Login/Logout

Book View Page

My order

Payment

Subscription and Book Reading(future)

**3. Delivery Boy**

Login/Logout

Order Details

Call and GPS options(future)

**Main Functionalities**

**1) A Home page with product catalogue and Search Options**

This is the page where the user will be navigated after a successful login. It will display all the book categories and will have a search keyword option to search for the required book.A search by keyword option is provided to the user using a textbox.The keyword to be entered should be the book title.

**2) 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 the notes on the book content.

**3) Shopping Cart and Buy Book**

The user can manage a shopping cart which will include all the books he selected. The user can 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.And finally purchase the books by giving the details of the payment method and shipping address.

**4) Book Replacement**

In case of any damage in books, customers can replace the book by using the replacement option.

**5) Review(future)**

Customers can give feedback after they buy a book by the feedback option.

**6) Administration**

The Store owner will be provided with special functionalities like

• Add or delete a book category

• Add or delete a member

• Manage member orders.

**Natural System Study**

In the natural system people have to physically visit the bookshops or vendors for purchasing books of their needs. They searched for the books with the help of the storekeeper. In this method time as well as physical work is required. There is a chance that the customer demanded book is not available on the store.

All records related to Products, Sales, Suppliers, Orders, Payment are stored in registers or databases. The whole data is manually managed by the assigned person. The person maintaining records has to take great pain.

**Designed System Study**

In the Online Book store, the customer can purchase books online through a web browser and the customers can search for a book by its title. The books are divided into many categories. Selected books can be added to the shopping cart and finally purchased.

The store owner can manage books, categories, and the delivery.

The user can login using his account details or new customers can set up an account.

**Technology**

Front End: HTML5, CSS3, Bootstrap

Back End: Python, PostgreSQL

**Weekly plan**

15-8-22 to 26-8-22 : Designing

29-8-22 to 9-9-22 : Creating users

12-9-22 to 23-9-22 : Creating database

26-9-22 to 7-9-22 :