

CSE-1901 Technical Answers for Real World Problems (TARP)

ARCHIVO

submitted in partial fulfilment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE ENGINEERING**

By

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B.Tech. Computer Science and Engineering

SLOT: TG1



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Computer Science and Engineering

November, 2022

DECLARATION BY THE CANDIDATE

I hereby declare that the Industrial Internship report entitled “**ARCHIVO**” submitted by me to Vellore Institute of Technology, Vellore in partial fulfilment of the requirement for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering** is a record of bonafide industrial training undertaken by me under the supervision of **Dr. A. Nagaraja Rao**, further declare that the work reported in this report has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Signature of the student

Name: Sanjay M

Reg. Number: 19BCE2207

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1.INTRODUCTION:

1.1 Objective

The project entitled "Archivo" is a very effective, feasible online portal that facilitates the readers to buy and sell second hand books and magazines reliably. If a reader wants to read a book, he/she has to purchase the book, which sometimes can be very costly or they can go to the library to lend a book where firstly they have to be a member and have to follow the library rules and regulations - like to return the book at the specified date that is given by the library. There is not much flexibility with the library management system and many places do not even have libraries and many of them are not very well maintained. They can even go for a second-hand books option but there aren't many offline shops that give second hand books in a readable condition or they may not have that book at their shops which in turn wastes time and energy. The convenience of an online book selling system is a major consideration for most of us, especially those living in areas where access to a large bookstore is limited or is quite far away. Many books are too expensive and for these types of books, this system is most preferable. 4 Along with that the quality and the choices that the buyer will get is something which can't be seen in today's offline stores. In general, our online book selling & buying system will allow a user to sell & buy second handbooks online from the website. Both buyer and seller must make an account on our website to authenticate themselves and then the book can be uploaded by the seller on our website at their price and the buyer can look at the options available for him/her and select the best options available for them. After that the book will be delivered to their doorsteps by a courier service (with which we have partnered up) at a nominal delivery fee.

1.2 Social Impact

Many students do not have proper access to standard books and due to this their learning is hampered.

- Many students even become dejected and loose their interest in studying because of lack of resources. This might have an adverse effect on their career.
- This could bring down the literacy and employment rate.

Using the website, the user can buy a second-hand book online instead of going out to a bookstore and library spending a lot of their time, meanwhile also ensuring the seller gets the opportunity to passively earn money in exchange for their books.

2.PROBLEM STATEMENT

Despite today's tech savvy era, people still prefer reading books and magazines in the hardcopy format rather than strain their eyes on the electronic version. Something as simple as holding a book in their hands can bring immense pleasure in many monotonous lives. However, not everyone can afford the luxury of buying new books. Moreover students may not be able to afford to buy new study books again due to their high cost. There is a void to fill in the second hand book market.

3.SWOT ANALYSIS & VALUE PROPOSITION

Strength:

- Small Investment and a few employees to start a business.
- Save TIME. Save MONEY.
- Use of the Internet as a former bookstore.
- Target market and Customer Luxury.
- Minimum portable goods and additional costs under storage.
- Cost performance for customers.
- Shipping sales service to inform customers about new books

Weakness:

- Books out of stock.
- Dependent on your delivery service courier services.
- Need constant maintenance for book conditions.

Opportunities-:

- Online Book Store so value for money.
- Just a click away from getting any book of need.
- Improve relationships with publishers to provide specialized programs.
- Collaborate with the public sector to provide rare and classical books.

Threats:

- Local Booksellers.
- Increased Transportation costs by the courier company.
- Price / war competition from other vendors.
- Reduced confidence to buy using online systems.
- Monopoly Online Business

VALUE PROPOSITION

- Faster delivery
- Packaging quality
- Value for money- discounted prices
- Variety from different authors
- Subscription based model for books.

4.MODULES USED

1) Log in Module

2) Registration Module

3) Home Page Module

4) Profile Page Module

5) Books and Resources Page Module

6) Search Module

7) Cart Module

8) Services Module

9) Log Out Module

Log in Module: -

This page consists of a login interface where a user can enter his/her credentials to access the Portal

Registration Module: -

This page is where a new user can create an account by entering his personal information to access the portal

Home Page Module: -

This is the front page of the portal where the user can view, delete and ask doubts universally

Profile Page Module: -

In this page the user can view and edit personal information about them

Books and Resources Page Module: -

In this page the user can upload any book or resource of his/her choice for future reference.

Search Module: -

This is the page where the user can view and browse for books

Cart Module: -

In this page the user can add the desired books to their cart for checkout

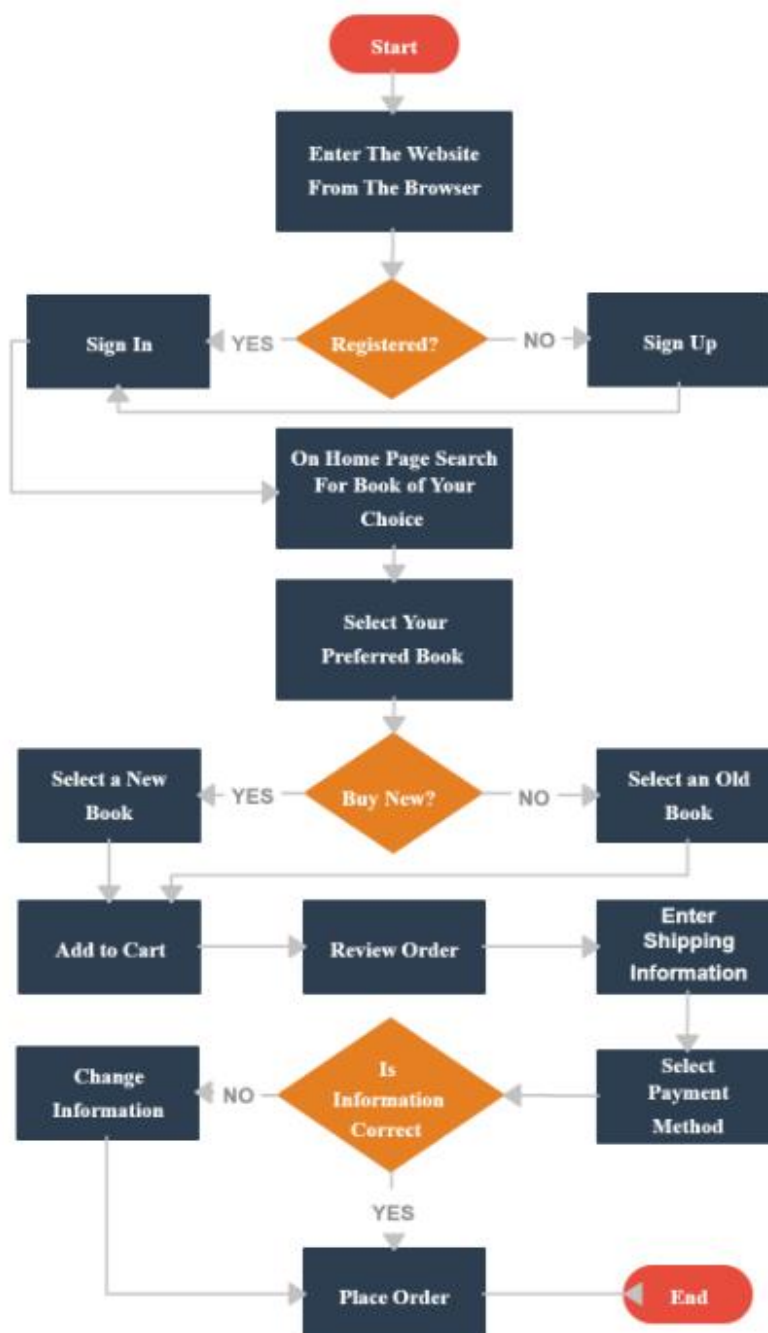
Services Module: -

This module lists out the services offered by the website and detailed description about the website is given.

Log Out Module: -

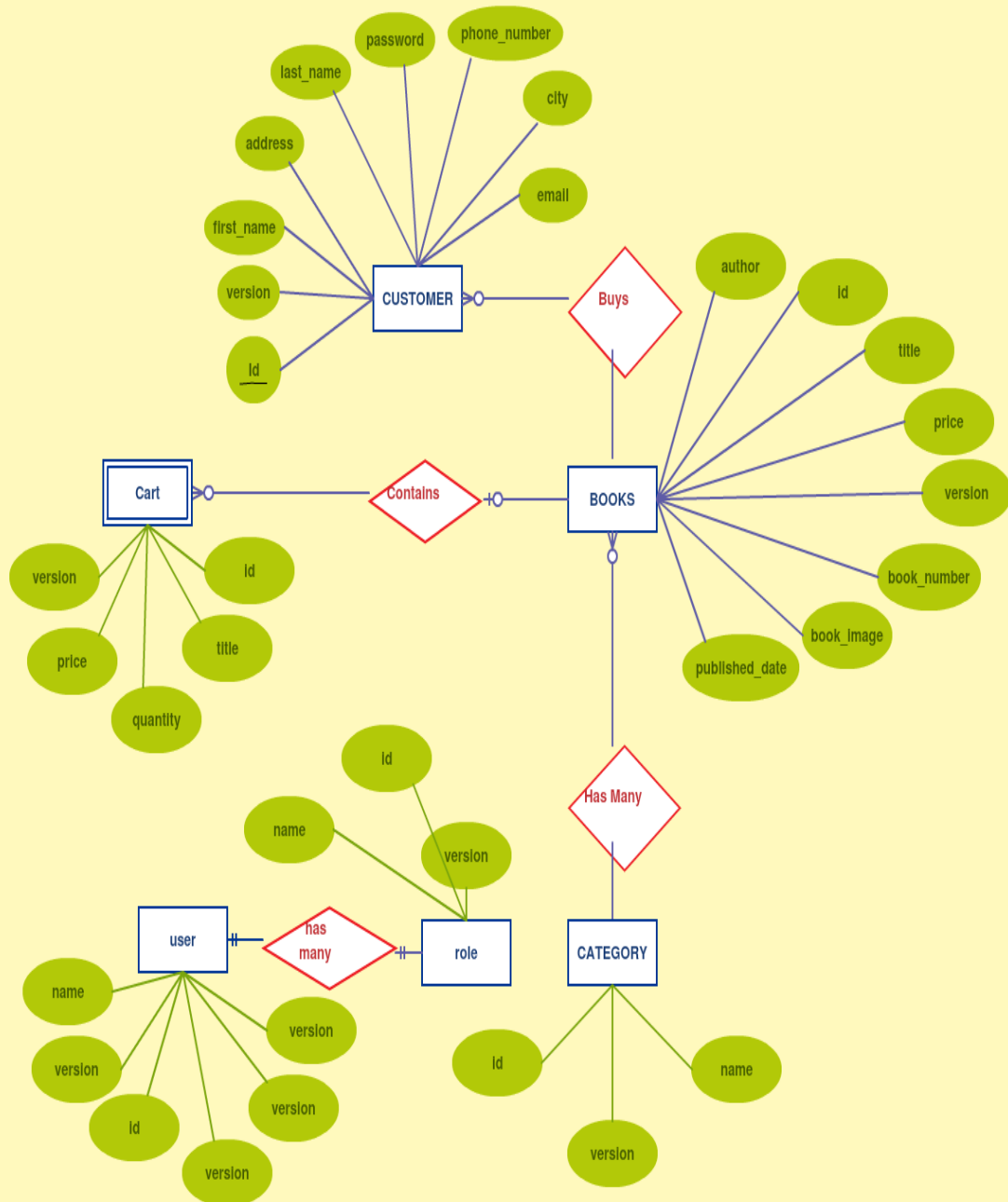
This is used to log out of the discussion forum and end your session

5. PROCESS FLOW DIAGRAM



6. ER DIAGRAM

Entity Relationship Diagram of Online Book Store



7.BENEFIT DESCRIPTION

When people want to do something productive with their free time. Users tend to come back and purchase because of good service and low cost. Our main objective is to make sure that all people who are poor and cannot buy books for their study can get easy and cheap access for necessary books. Our initiatives will help to reduce the wastage of books thus reducing waste. The books are also reused which helps others who are in much need for books.

SDGS Goals:

SDG

4: Ensure inclusive and equitable quality education for all.

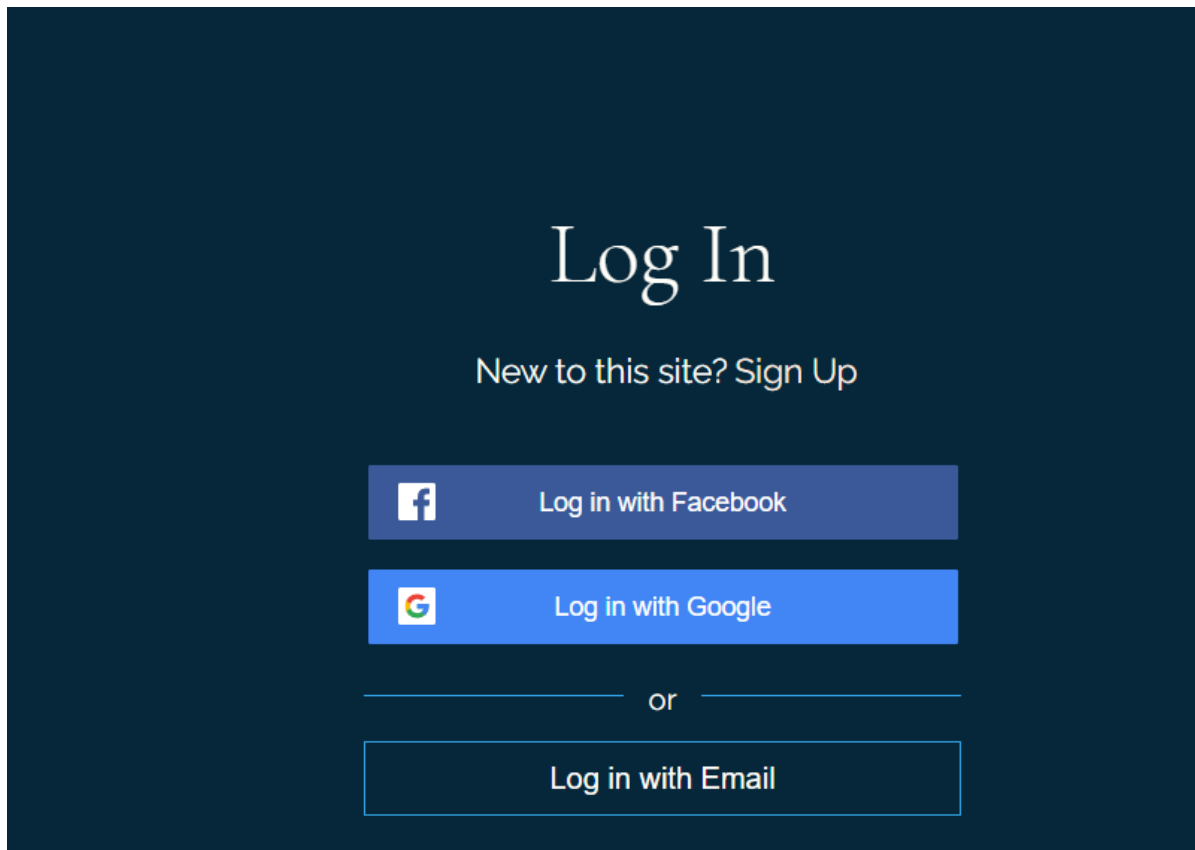
Our main objective is to ensure that all people who are poor and cannot buy books necessary for their study can get easy and cheap access for necessary books.

6: Reduce & Reuse:

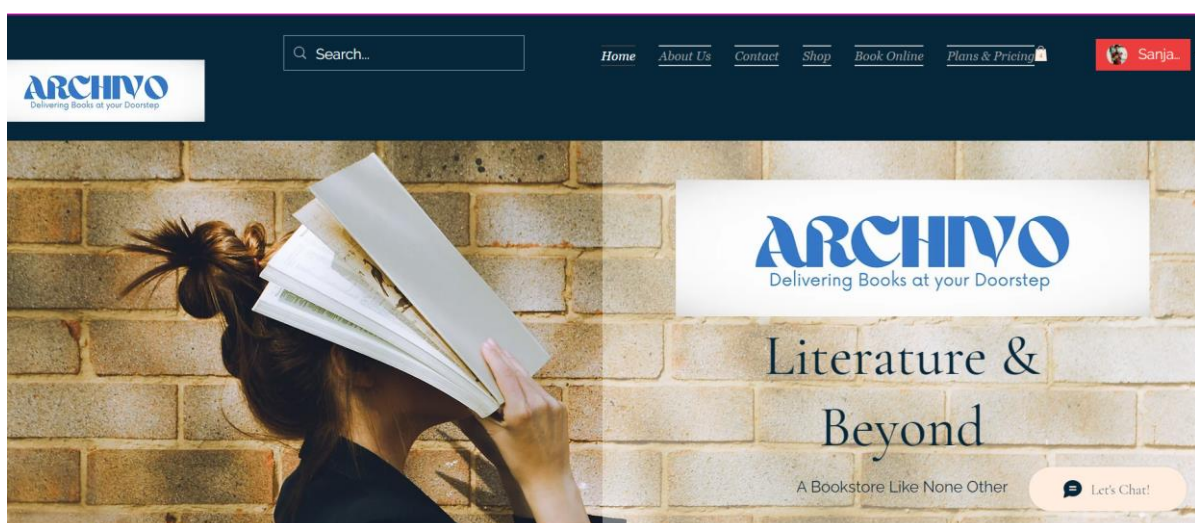
Our initiatives will help to reduce the wastage of books thus reducing waste. The books are also reused which helps others who are in much need for books.

8)WEBPAGE SCREENSHOTS

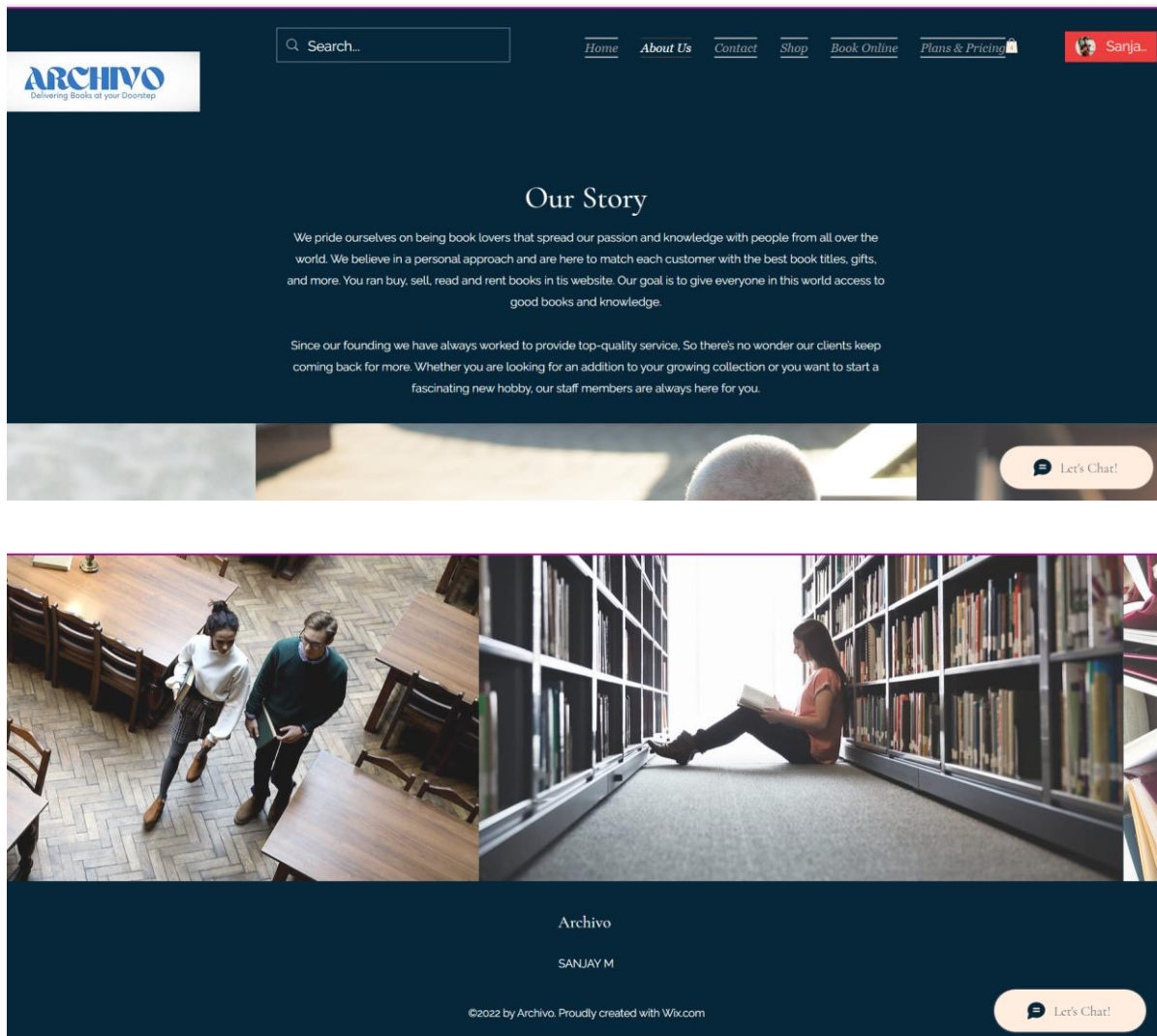
LOGIN PAGE



HOME PAGE



ABOUT US PAGE:



CONTACT PAGE

ARCHIVO
Delivering Books at your Doorstep

Search...

[Home](#) [About Us](#) [Contact](#) [Shop](#) [Book Online](#) [Plans & Pricing](#) [Sanja...](#)

Contact us

SANJAY M

Phone: 8056944467

Name

Address

Email Phone

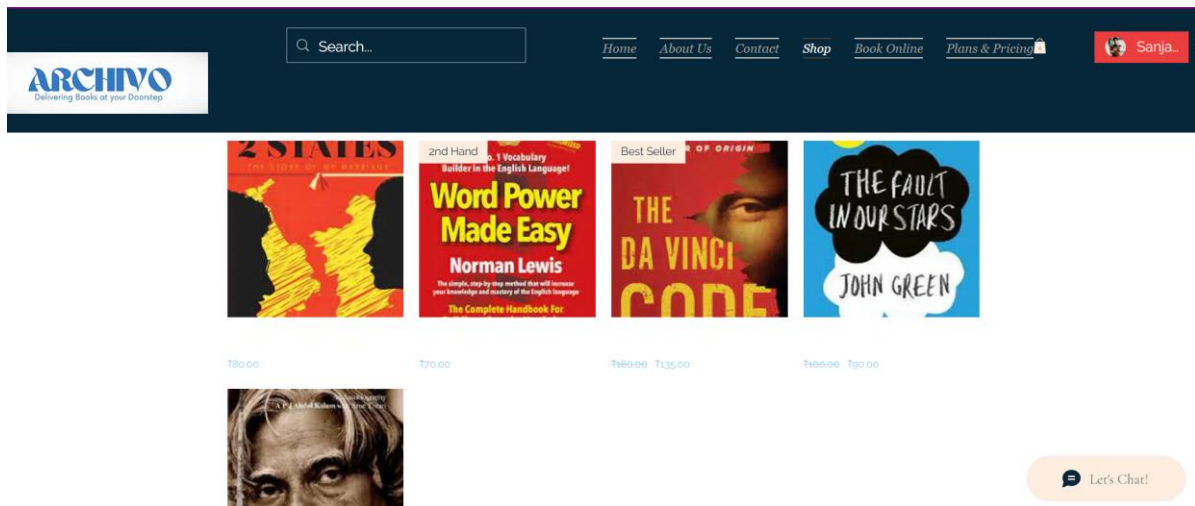
Subject

Type your message here...

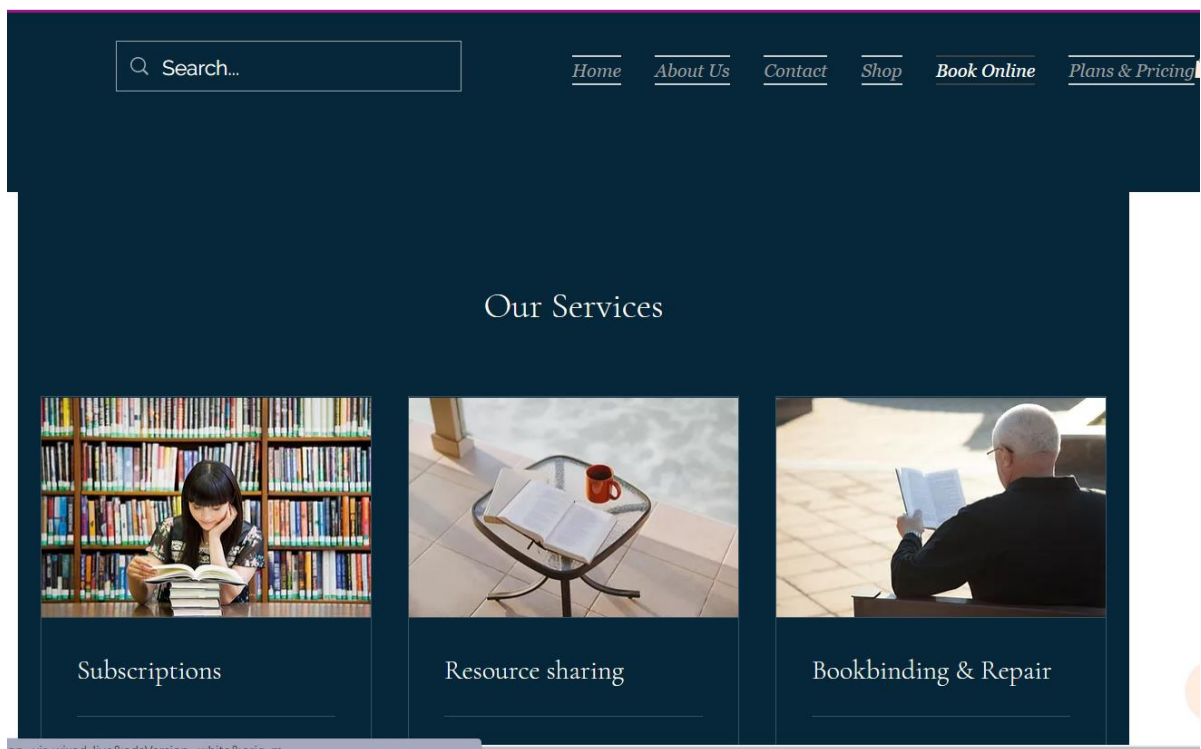
Submit

Let's Chat!

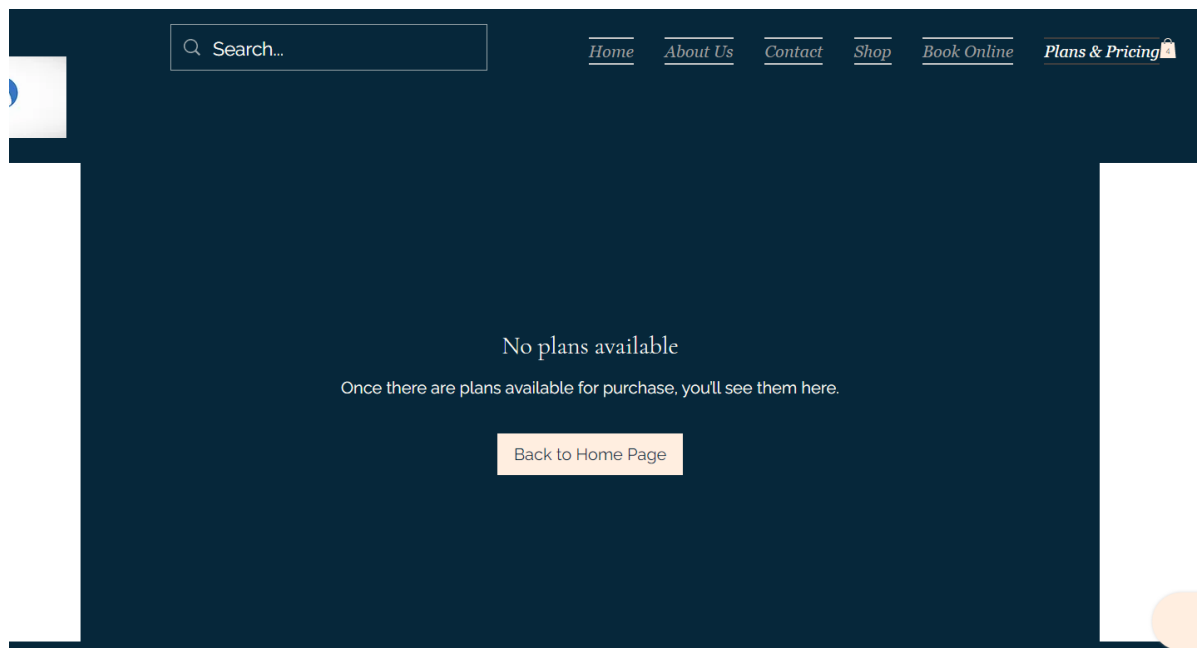
SHOP PAGE:



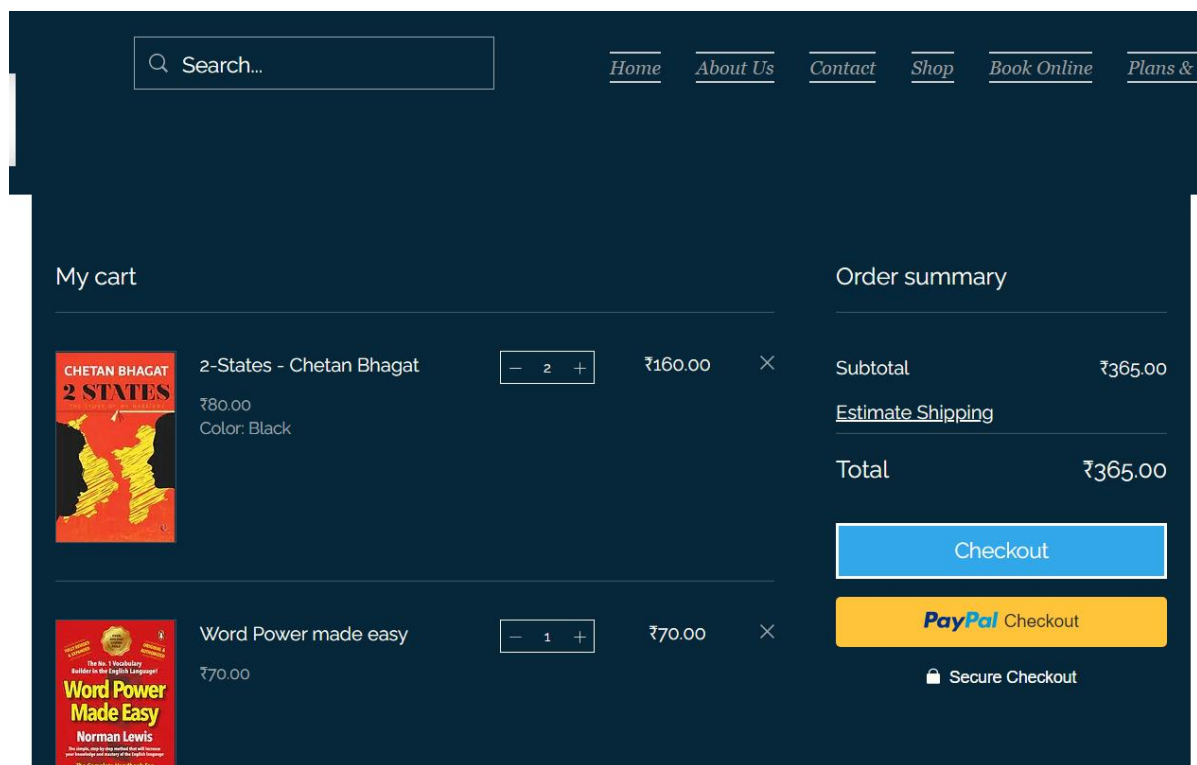
BOOK ONLINE PAGE:



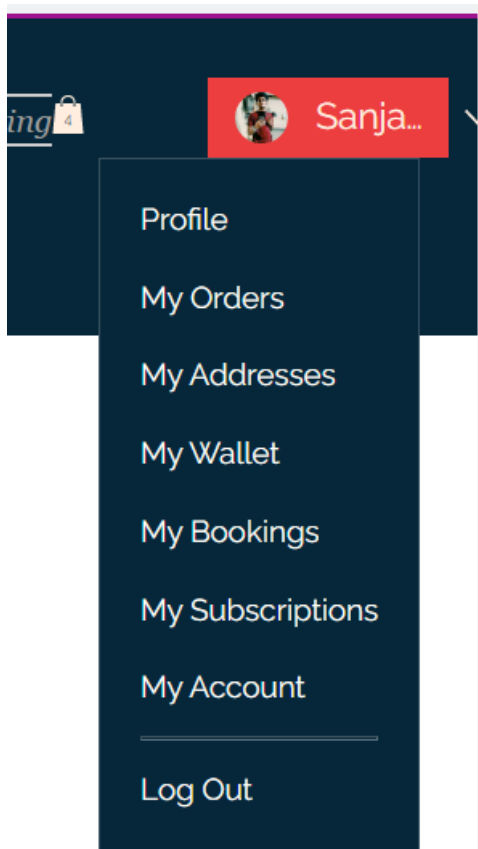
PLANS AND PRICING PAGE



CART PAGE



LOGIN DROPDOWN



CHECKOUT PAGE

ARCHIVO CHECKOUT [Continue Shopping](#)

Express Checkout

PayPal Checkout

or continue below


Logged in as sanjayvm12@gmail.com [Log out](#)

1 Shipping details

*First name

*Last name


Order summary (4) [Edit Cart](#)



2-States - Chetan Bhagat

Qty: 2

[+More Details](#)



Word Power made easy

Qty: 1

[+More Details](#)

[Enter a promo code](#)

Subtotal ₹365.00

Shipping --

Taxes ₹0.00

*Zip / Postal code

*Phone

Continue

2 Delivery method

3 Payment

4 Review and place order

Order summary (4)

[Edit Cart](#)



2-States - Chetan Bhagat

₹160.00

Qty: 2

[+More Details](#)



Word Power made easy

₹70.00

Qty: 1

[+More Details](#)

[Enter a promo code](#)

Subtotal ₹365.00

Shipping --

Taxes ₹0.00

Total ₹365.00

Secure Checkout

WEBSITE LINK:

<https://archivobookstop.wixsite.com/archivo>

9.CONCLUSION

In today's era, technology is everything and is everywhere. Even though there are plenty of modern ways of reading being introduced, people still prefer reading books in a hardcopy. But there are plenty of people who can't afford or don't want to buy books at costly prices, and there are people who have completed their books and can sell their study books or materials which are otherwise collecting dust. Through our application, the seller can sell their used books which can be bought cheaply by the user and will get delivered at the buyer's doorstep through a courier service.

Archivo is an online web application where the customer can buy and sell books online. Through any web browser, the customer can search for a book by its title or author, in general by this project one can buy the book from anywhere at any time. The convenience of an online book buying and selling is a major consideration for most of us, especially those living in areas where access to a large bookstore is limited or is quite far away. The buyer can also give feedback on the condition of the book and convey its overall experience by giving ratings on a score of five and can add beneficial comments so that the buyers get to know the genuine sellers. This also prevents the buyers from fraud and hence creating the best experience.