Deepak Depot Book Barn

A PROJECT REPORT

Submitted in partial fulfilment for the award of the degree of

B. TECH

in

Computer Science & Engineering

by

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Under the Guidance of

SENTHILKUMAR N

SITE

School of Computer Science & Engineering

May 2021

DECLARATION BY THE CANDIDATE

I hereby declare that the project report entitled **"Deepak Depot Book Barn** submitted by me to VIT University, Vellore in partial fulfilment of the requirement for the award of the degree of **B.Tech.(CSE)** is a record of J component of project work carried out by me under the guidance of **SENTHILKUMAR N**. I further declare that the work reported in this project 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 Candidate

P Anirudh

Place: Vellore

Signature of the Candidate

Date:

S Harshad Varma

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1. Introduction

1.1 Background

As we were studying in University, we realized that students must go through a lot of hassle in order to avail books for academic purposes or just novels to pursue their passion for reading. After talking to the store owner of Deepak Book Depot we realized that making an online Booking system for it will not only make the system of getting academic books for students and any other customer become easier but also will increase sales and help them get more customers and then go on to replicate the model for various other libraries or any other book keeping place that want to reach more customers and with the help of our portal it will be a hassle free process of availing and requesting for new books on the go.

The project has been made for the Deepak book depot which is located in Hyderabad. It is the Book acquisition system that will be used by the customers or students to get their requested books hassle-free.
Earlier, the customers had to go and ask for the books at the Book Store. If the books weren't available, they had to come again and check for it. People can check the available books on the website. They can request for the books that are not available. They can check if their book arrived or not without visiting the shop. Website has the utility pages such as services, About-us, help that makes the process easier for the user.

1.2 Objective of the Project

The purpose of our website is to ease the process of purchase of books for customers in the city of Hyderabad via the Deepak book store people can avail services of requesting for new books, check availability of existing books. As admin he can update the requests according to the customers' needs, and add the required books as when necessary.
A feedback form system provides us opinions about the website and explore room for improvement and make the website more user friendly.

1.3 Organization of Report

The following report consists of our proposed system, basic requirements for running our work and the project schedule. This is then followed by the implementation and the output with result discussion. Further we conclude our work and specify our references.

2. Overview and Planning

2.1 Proposed System Overview

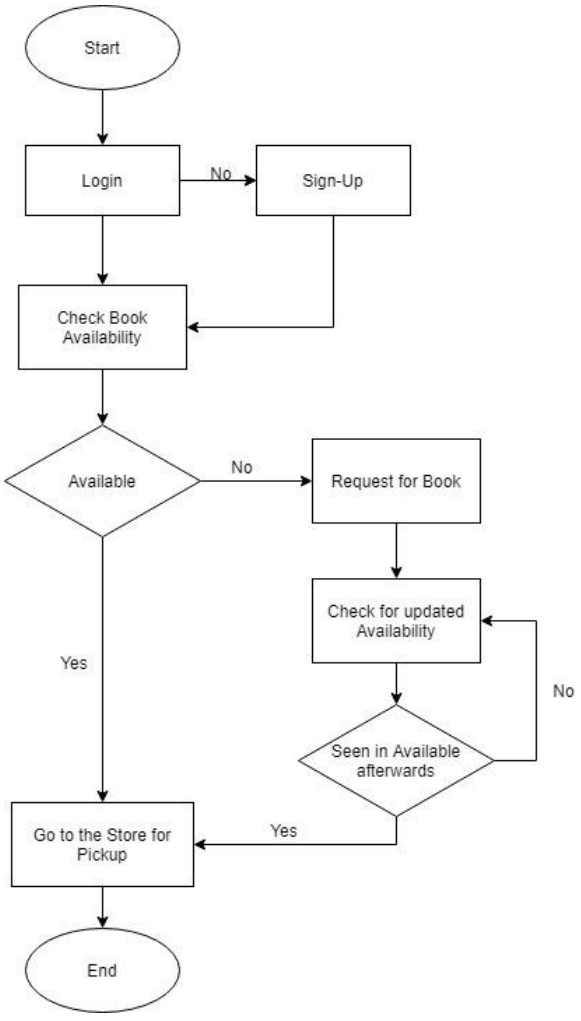
As we open our website, we are in a general webpage for all which include general data about the company. Further we have divided the access into user or admin access.

First, User consists of a general login or sign-up page. Then it's followed by availability of books and then depending on availability one can make requests, search for books and offer other feedback data. Finally, one can go to the bookstore to pick the book up.

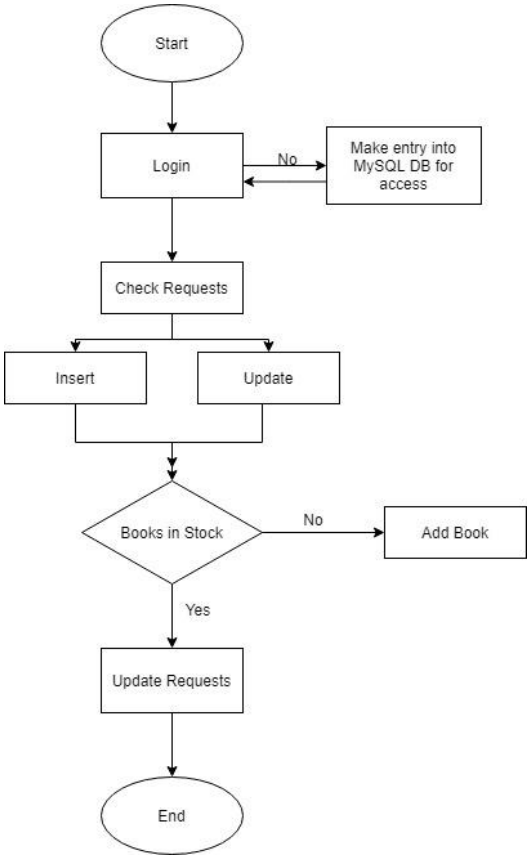
Second, Admin has only a login access with prerequisite credentials. One can further check details with respect to Requests, they can insert new books, update existing books and view anonymous feedbacks. Depending on the availability or queries he can make respective changes and then update the requests.

Block Diagrams

User –



Admin –



2.2 Hardware Requirements

1. Computing Device (PC or Laptop)
2. Hard Disk 128GB
3. RAM 8GB

2.3 Software Requirements

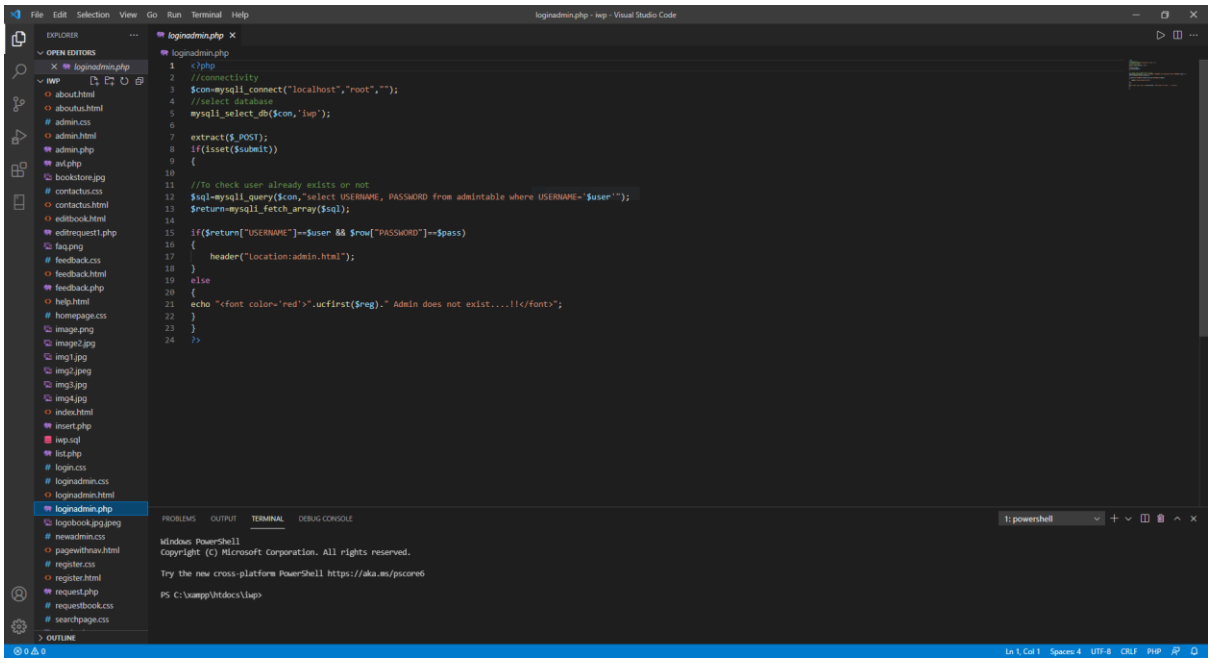
1. Visual Studio Code
2. HTML, CSS, PHP and JS Extensions.
3. Apache PHP MySQL
4. Web Browser

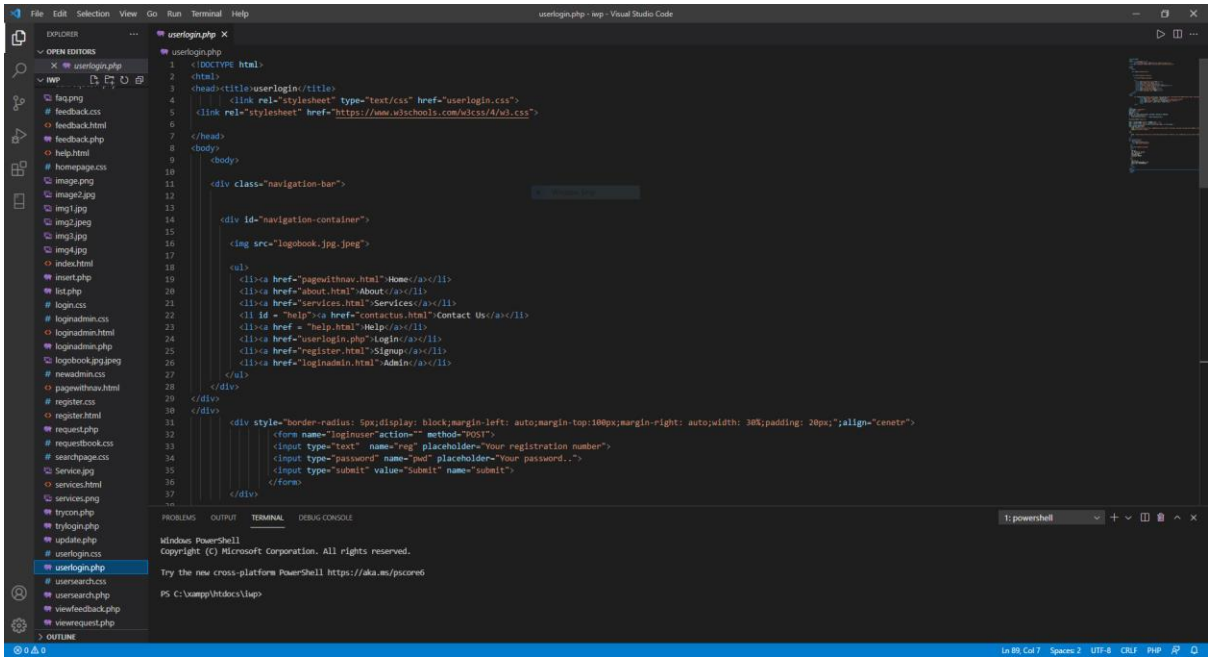
2.4 Project Schedule (Gantt chart)

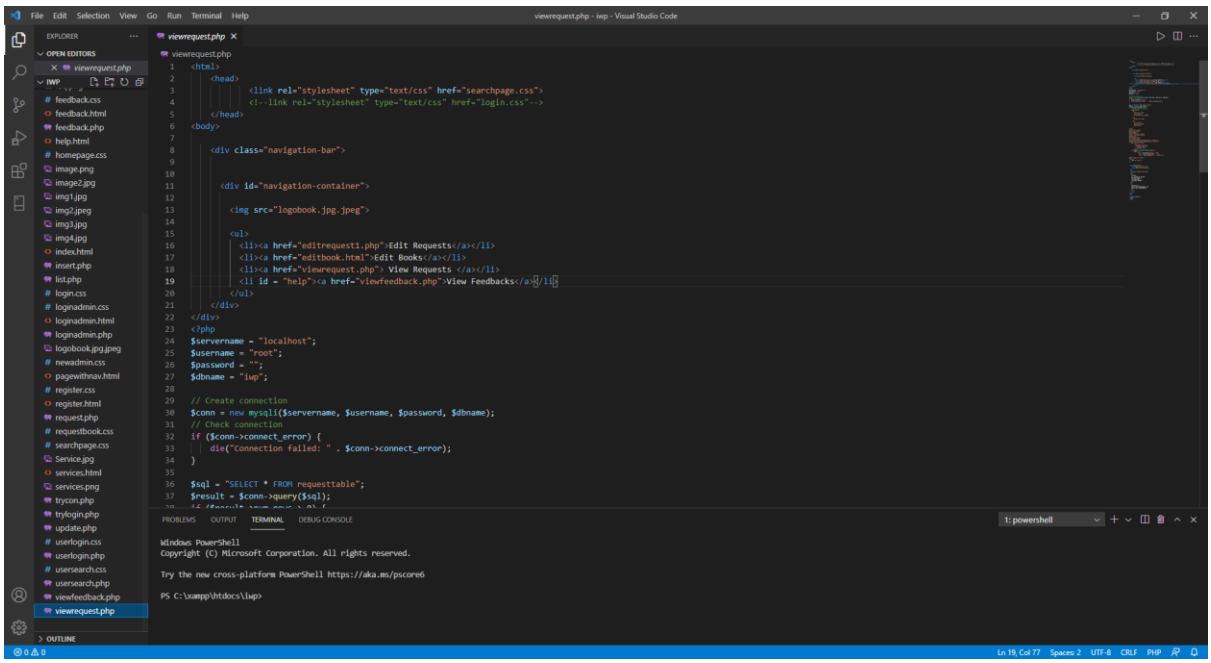
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Project Planning								
Web page design using HTML								
Styling using CSS								
Database Creation using SQL								
Database Connectivity using PHP								
Integration of all components								
Documentation								

3. System Implementation

3.1 Code and/or Architecture Development







Github link for source code:

https://github.com/Harshad165/Deepak-deepot-book-barn

3.2 Test Results

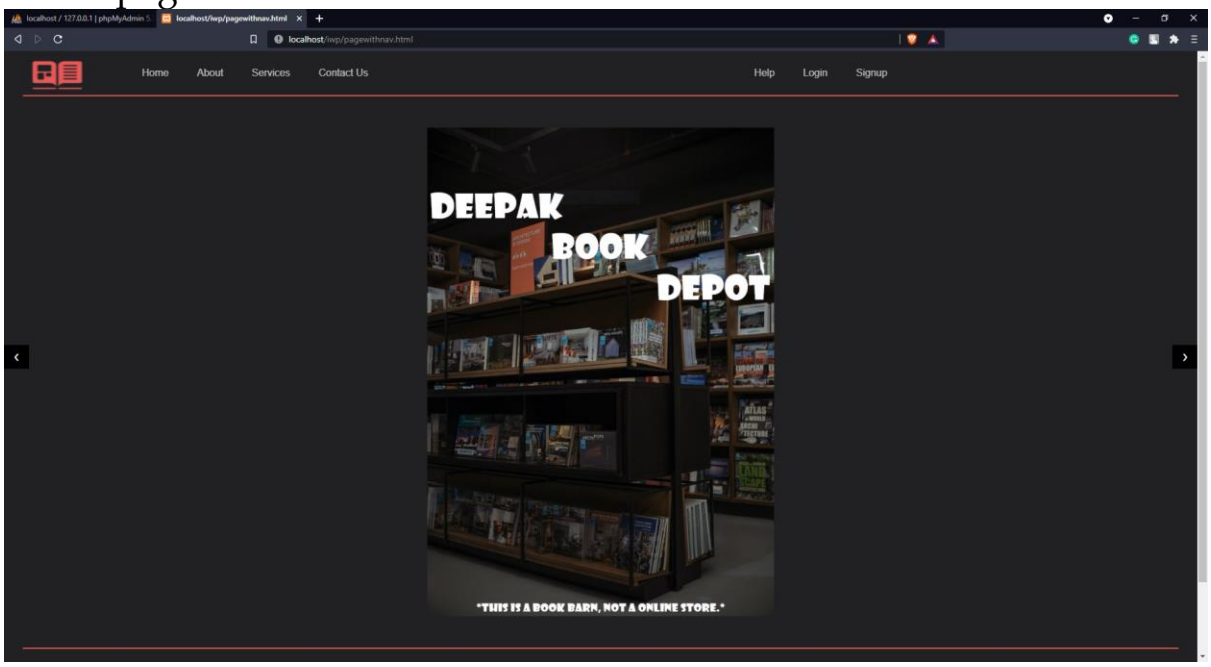
Serial No.	Test Objective	Test Data	Expected Result	Actual Result	Pass/Fail
1.	Customer Registration	1. Username: harshadvarma8@gmail.com password:harshad@123 confirm password:harshad@123	Register and send to next page	Register and send to next page	Pass
		2. Username: harshadvarma8@gmail.com phone number: 8178137467 password:harsh confirm password:harsh	Password should contain minimum of six characters	Password should contain minimum of six characters	Pass
		3. Username: harshadvarma8gmail.com password:harsh confirm password:harsh	The email address is badly formatted	The email address is badly formatted	Pass
		4. Username: harshadvarma8@gmail.com password:harshad@123 confirm password:harshad@123	The email address is already registered. Try login in	The email address is already registered. Try login in	Pass
		5. Username: harshadvarma8@gmail.com password:harshad@123 confirm password:harshad_123	Passwords do not match	Passwords do not match	Pass
		6. Username: harshadvarma8@gmail.com password:harshad@123 confirm password:harshad@123	Please enter the correct	Register and send to next page	Fail

			phone number		
2.	Customer Login	1. Username: harshadvarma8@gmail.com Password: harshad@123 2. Username: p.anirudh@gmail.com Password: Aneeyy69	Successful Login and Move to Home Page Invalid credentials - user does not exist	Successful Login and Move to Home Page Invalid credentials - user does not exist	Pass Pass
3.	Search Book	1. Hc verma 2. Chemistry	This book is available at Balaji This book is not available at balaji	This book is available at balaji This book is not available at balaji	Pass Fail
4.	Request Book	1. Machine Learning	Your request is accepted	Your request is accepted	Pass

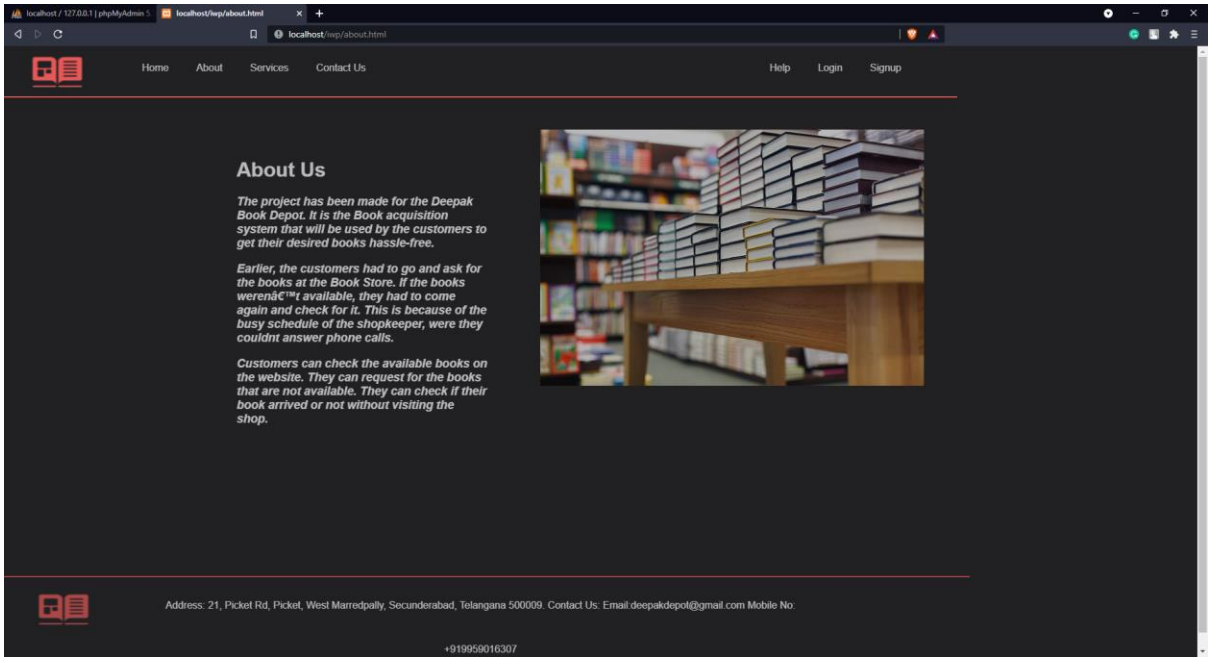
4. Results and Discussion

4.1 Output/Results

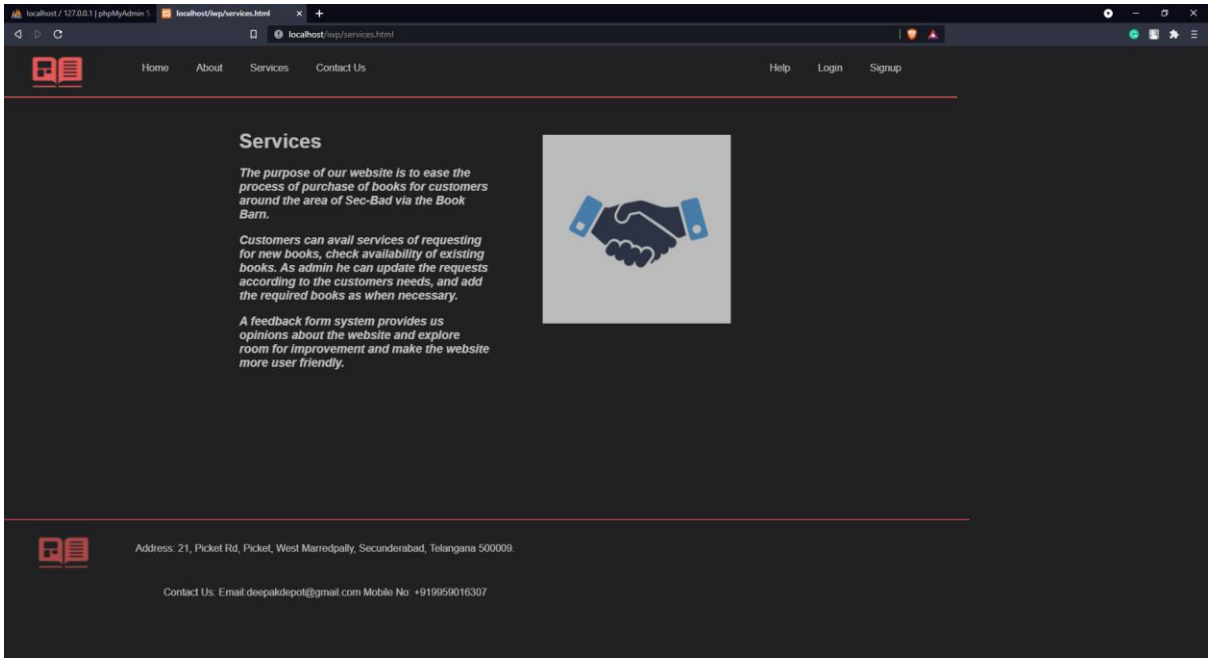
Home page



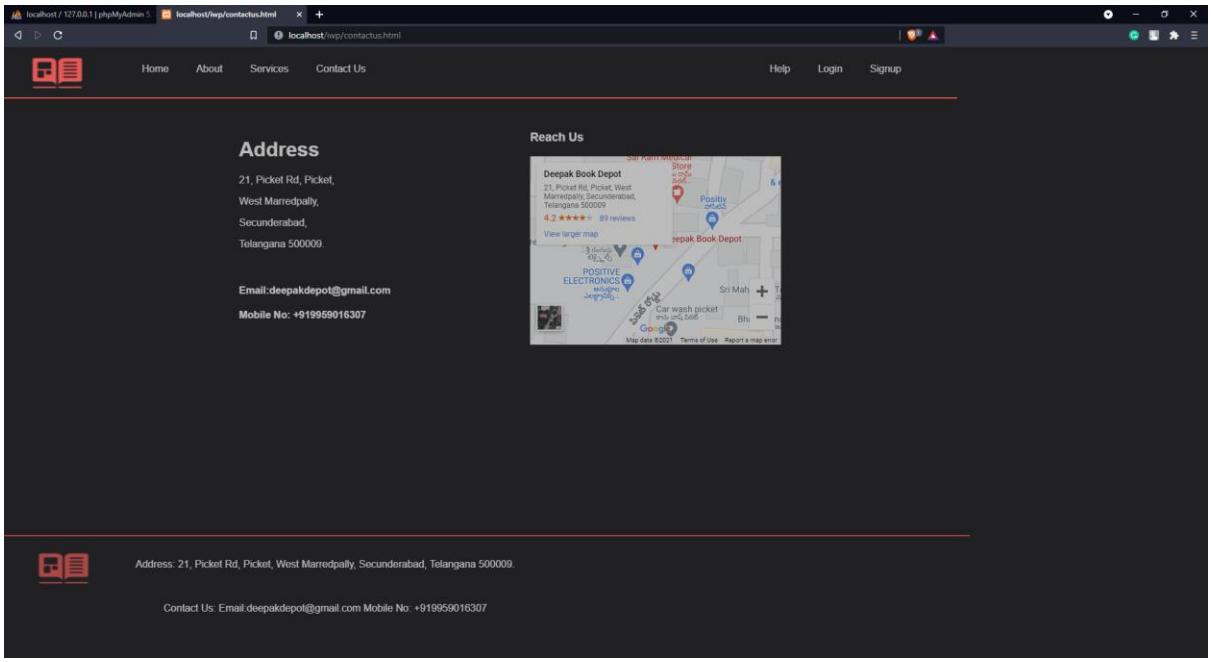
About us



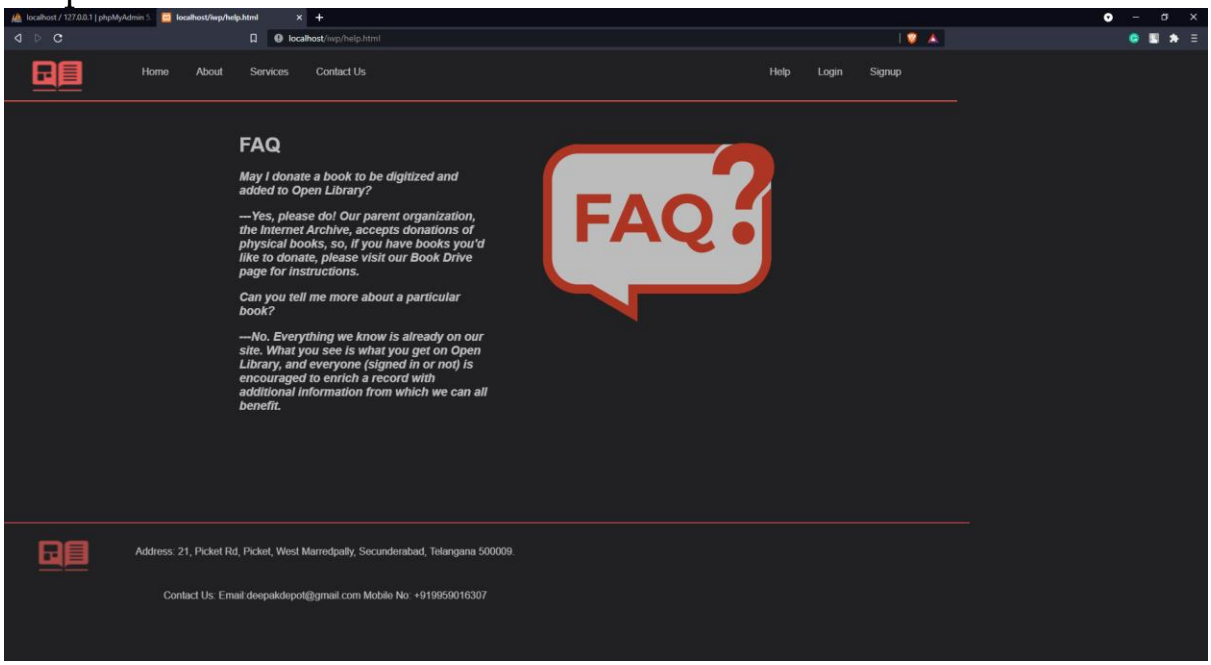
Services



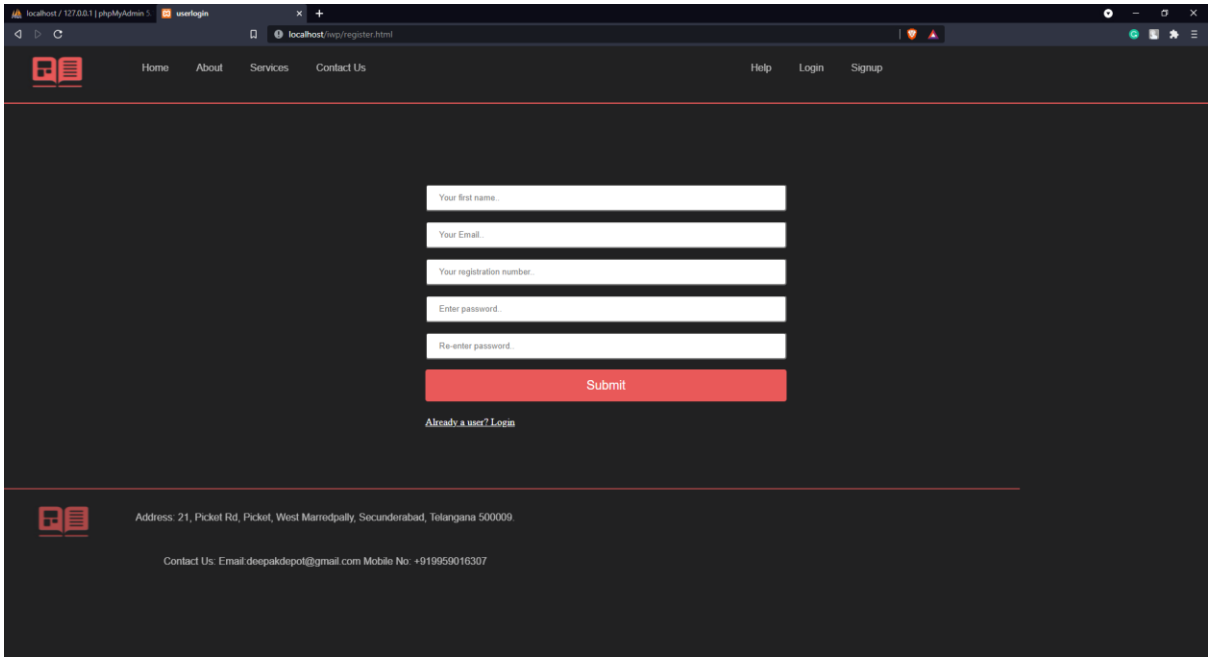
Contact us



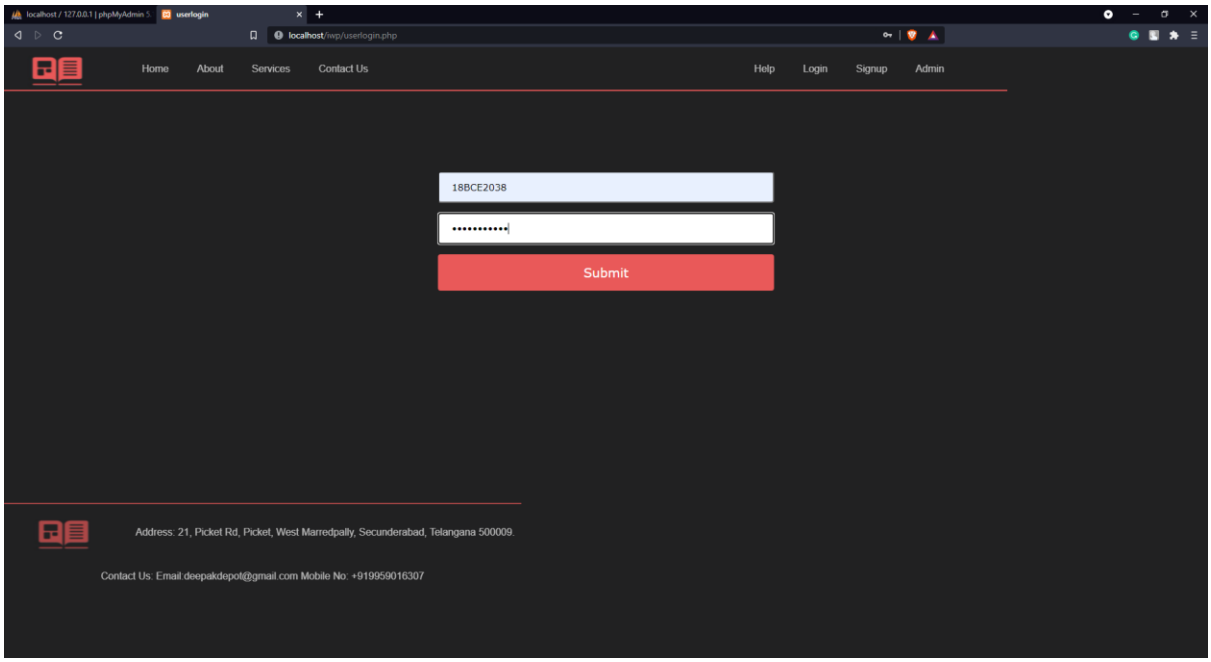
Help



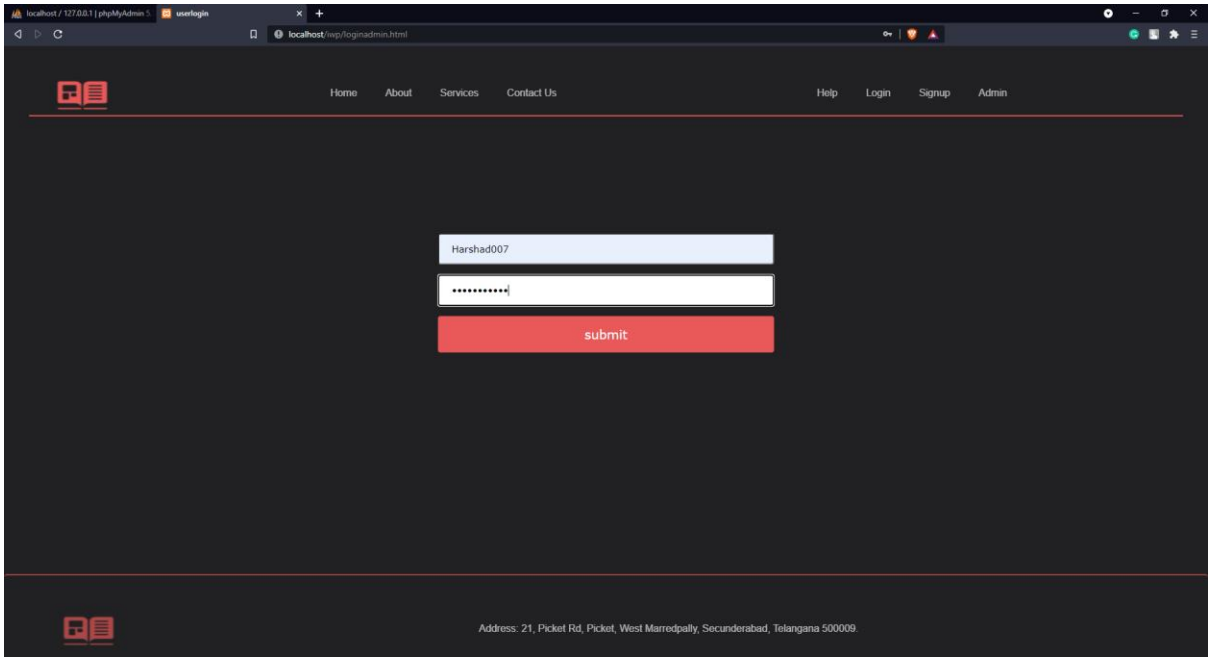
User signup



User login



Admin login



4.2 Discussion

In our implementation and output we have seen the usage of various web development tools to create a full fledged website for a book depot as a barn facility. Here, we were able to work on creating a realistic website with real-life usage which helped improve our object oriented method of project implementation.

5. Conclusion

As we conclude our work in this project, we have learnt the following, HTML, CSS, JS, PHP and Database Linkage. We find this application for the above techniques significantly cost effective in development and management which increases the opportunities wherein they can be used. This has several use cases, increased ease for users and admin with a structured method of handling issues or requests. While working on this project we have learnt significantly about these technologies and found several future possibilities within our work such as integrating it with e-commerce and providing a delivery option.

6. References

[1] W3Schools - https://www.w3schools.com/

[2] University of London Online Library - https://onlinelibrary.london.ac.uk/

[3] Librarika Library - https://librarika.com/

[4] Libib Could Catalogue - https://www.libib.com/