**Mid Report**

**On**

**Online Book Shopping Center**

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**Abstract**

This report contains the detailed information about each and every single process, during the development of **“Online Book Shopping Center**” till now. In this report all the types of development procedures are mentioned. This project based on the **Mean Stack** which is a high-level Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It’s free and open source.This report also contain the information about what is the status of our project , how much is completed and how much is left. All implementations details are also in this report.

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**1.Introduction**

**1.1 General Introduction of Project :**

The project Online Book Shopping Center is to provide any customer an easy way of buy a book online. This system overcomes the issue of buying books according to customer’s choice or requirements. In this project customers can view many books available and select the preferred book.. This system also allows users to cancel their order.

The Administrator can add books and can see all orders. Admin have a authority of to remove books as well as users from their database.

**1.2 Area of Computer Science :**

This project mainly covers the Area of Web Development of Computer Science. Through this project, we are trying to climb one step in this vast field of Computer Science. It is totally of web development project. **Web development** is the work involved in developing a web site for the Internet or an intranet (a private network) Web development can range from developing a simple single static page of plain text to complex web-based internet application. We are trying this kind of thing.

**1.3 Hardware and Software Requirements :**

**Hardware Requirements :**

1. A PC minimum of 2GB RAM
2. Some part of memory to store data.

**Software Requirements :**

1. One Text editor (VCS, Sublime, Brackets etc.)
2. Node.js
3. MongoDB
4. Angular/CLI (Installed via command)

**2.Problem Statement :**

The Major Problem in the shopping is time. The situation when customers comes to the shop they need to wait for a long period of time for their purchase and they also needs to come to the clinic specifically to buy books. This problem gave a opportunity for our group to build a website that will solve these problems. Online Book Shopping Center is a system that focusing on online order application and in this system customer is allowed to purchase a book from his home based on the availability of books.

**3.Objectives :**

* With this system customer can easily purchase their respective products by just a few clicks.
* To optimize time saving.
* To ensure easier,reliable and faster service.
* Show information and description of the book.
* Reduce manual work for shopping.
* Providing search facilities based on title and authors.
* Alert message for customer when the shopping get done.

**Contribution summary**

There are two panels in this project. All the panels will be connected or inter-related to each other. The two panels are as follows:

1.**Admin Panel**: This panel consist of different components like adminlogin,adminsignup etc which deals with the accessibility of various features by the admin of the website.this panel provides various facilities to the admin to add/remove products. Our Group member SUMIT SINGH worked on this model and completed the frontend of this model.

2.Customer Panel: This panel consist of different components like customer login,dashboard etc which deals with the accessibility of various features by the customer of the website. This panel provides various facilities to the customer to purchase books after see the details of the product.Our Group member SAURABH KUMAR and YOGESH CHANDWANI worked on this model and completed the frontend of this model.

Backend implementation for all the panel is in progress. Whole group is contributing in its implementation. Bakend is being implemented by discussing with all group members.

**Progress Till Date**

Complete: Frontend development of the project is fully completed for all components. Backend implementation of adminpanel is completed through which admin can add/remove books from the database.

Frontend implementation of customer panel is completed with backend implementation of login of customers.

Remaining: Backend implementation of ADD TO CART component and final order placing.

**References:**

1. <https://angular.io/>
2. <https://www.w3schools.com/nodejs/nodejs_npm.asp>
3. <https://www.mongodb.com/>