

**A**  
**“Project Documentation”**  
**on**  
**ONLINE BOOK STORE**

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**Introduction:**

The main objective of the project is to create an online book store that allows users

to search and purchase a book online based on title, author and subject. The

selected books are displayed in a tabular format and the user can order their books

online through credit card payment. Using this Website the user can purchase a

book online instead of going out to a book store and wasting time.

There are many online book stores like Powell's, Amazon which were designed

using Html. I want to develop a similar website using .NET, SQL Server.

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 or author, later can add to the shopping cart and finally purchase using credit

card transaction. 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. The user can also give feedback to a book by giving

ratings on a score of five. The books are divided into many categories based on

subject like Software, Database, English, Architecture etc.

The Online Book Store Website provides customers with online shopping through a

web browser. A customer can, create, sign in to his account, place items into a

shopping cart and purchase using his credit card details.

The Administrator will have additional functionalities when compared to the

common user. He can add, delete and update the book details, book categories,

member information and also confirm a placed order.

This application is developed using C#, ASP.NET programming language. The

Master page, data sets, data grids, user controls are used to develop the Online Book store.

### **Advantages:**

Customers can get their book delivered instead of actually going and buying the book. They can make payment online itself.

Managing of inventory in the shop for shopkeeper becomes easier as customers are not visiting and ordering online.

This system saves both time and travelling cost of customers.

User can get to know different kinds of books that they were unaware of by just searching in the system using keywords.

### **This project has the following functionalities:**

#### **1) A Home page with product catalog**

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. It also includes some special sections like recommended titles, weekly special

books.

#### **2) Search**

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

entered should be the book title.

### 3) Advanced Search

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

price range. 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.

### 4) 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 and

also a link to Amazon.com to get the book review.

### 5) 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.

### 6) Managing user accounts

Each user should have an account to access all the functionalities of website. User can

login using login page and logout using the logout page. All the user

sessions will be  
saved in the database.

## 7) Administration

The Administrator 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 Credit Card type.

## **Requirement Specifications**

### **1. Main Requirements**

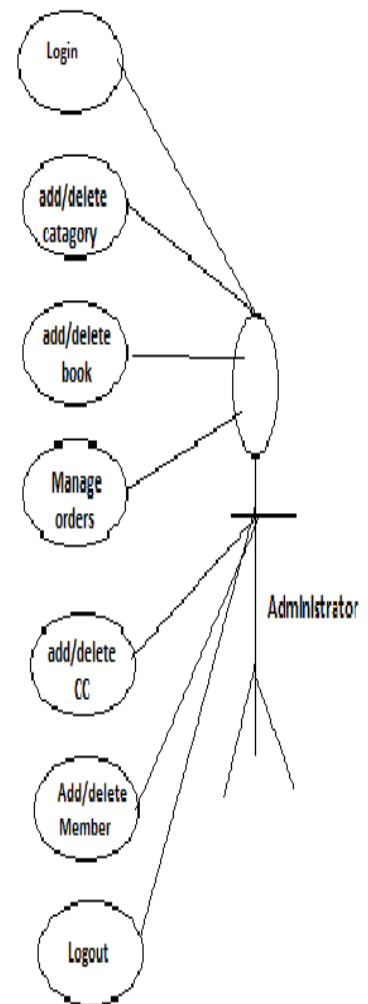
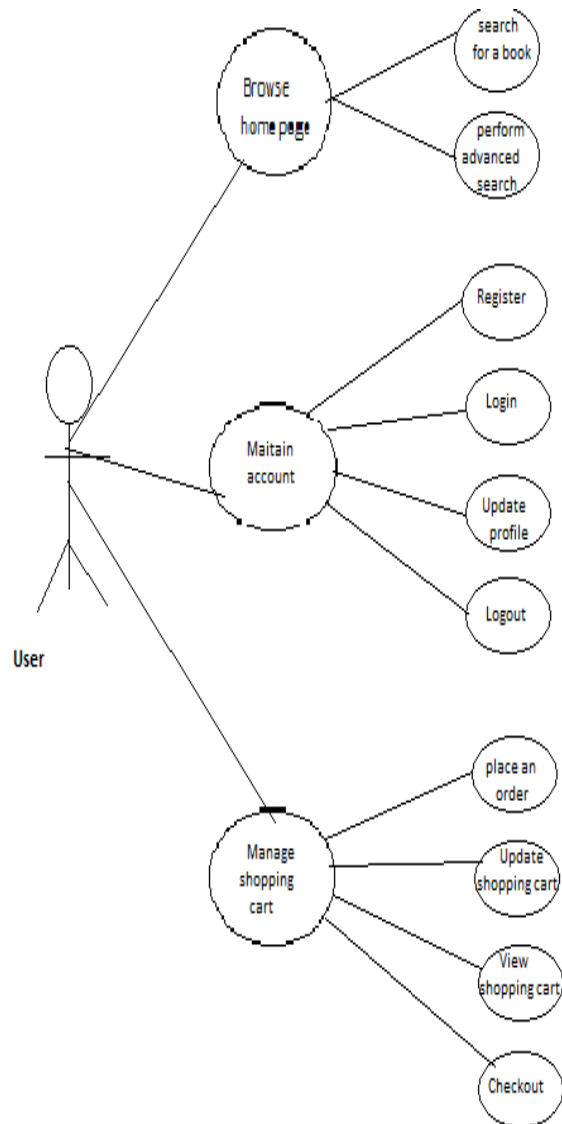
The Main Requirements include Microsoft Visual Studio and javascript to develop

the web application, Html,CSS to design the database and Mozilla as a main web browser to run the website.

### **2. Critical Use Case Requirements**

The diagram shows :User and Administrator are the two actors included in the Online Book Store.

### **Case Diagram:**



## Maintain Account

### 1) Register:

required fields. The fields include

1. Username
2. Password

3. confirm password

4. first name

5. last name

6. email

7. Address

8. Phone

9. CC details

**2) Login:**

**3) Update Profile:**

**Manage Shopping Cart**

1) Place an order

2) Update Shopping Cart

3) View Shopping Cart

**Administrator**

1) Login

2) Add or Delete Category

3) Add or Delete Book

4) Manage Orders

5) Add or Delete CC (Credit Card)

6) Add or Delete Member

7) Logout

## **Software Requirements**

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IDE/Text Editor : Visual Studio Code, Git Bash CLI

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Front End : HTML5, CSS3

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Browser : Preferable Google Chrome or Mozilla Firefox.