Online Book Store

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Introduction

- An Online Book Store is a software system that allows users to view and purchase books digitally.
- This project is a console-based application developed using the C++ programming language.
- The system provides basic features such as viewing books, searching books, adding items to a cart, and generating a bill.
- The project is designed using fundamental programming concepts suitable for beginners.
- The main purpose is to understand logic building and core C++ concepts through a practical application.

Scope of the Project

- The project focuses on developing a simple console-based Online Book Store using C++.

- It allows users to view available books and check their details such as price and stock.

- Users can search for books and add selected books to a shopping cart.

- The system calculates the total bill for the selected books.

- The project uses basic programming concepts like loops, conditions, functions, structures, and arrays.

- Advanced features such as file handling, user authentication, and online payments are not included.

Tools and Technologies

- **Programming Language:** C++
- **Application Type:** Console-based application
- **Development Environment:** Any C++ compiler (Dev-C++)
- **Operating System:** Windows

Concepts Used

- Loops
- Conditional statements
- Switch case
- Functions
- Structures
- Arrays

Features

- View books
- Search book
- Add to cart
- Remove from cart
- Billing system

Limitations

- No file handling
- No login system
- No Admin Panel
- Data is temporary

Why choose this topic ?

- This topic helps in understanding the basic concepts of C++ programming in a practical way.
- It is a real-world application that is easy to understand and relate to.
- The project allows the use of fundamental programming concepts such as loops, conditions, functions, and structures.
- It improves problem-solving and logical thinking skills.
- The topic is suitable for a beginner-level semester project and can be easily explained during viva.

Thank you so much

If you have any question, you can ask....