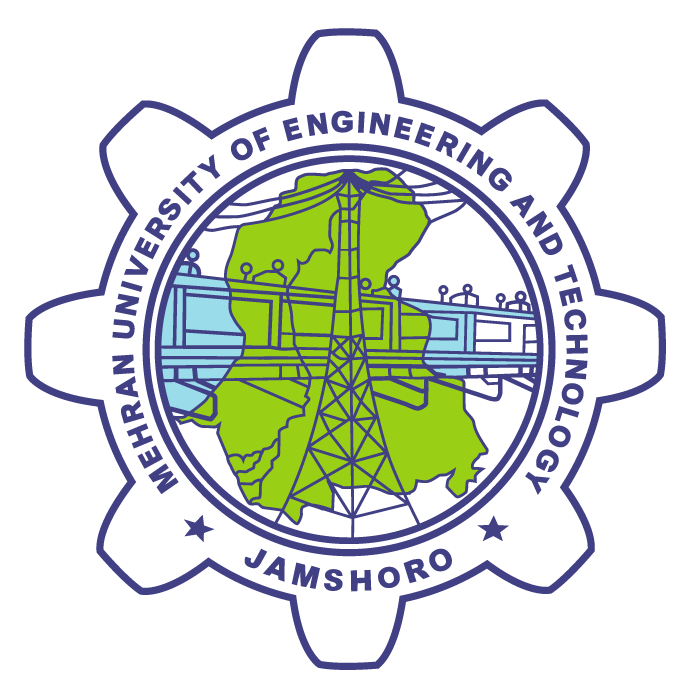
C++ PROJECT ON  
**Library MANAGEMENT SYSTEM**

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**Project Report: Library Management System**

**1. Introduction**

**About:**

The Library Management System is a software application designed to automate the tasks of a library, including book management, user accounts, and book issuance and return processes.

**USE:**

The purpose of this project is to create an efficient and user-friendly system for managing library operations, improving the overall workflow and providing better services to users.

**2. Objectives**

* To create a user-friendly interface for both administrators and students.
* To implement features such as account creation, login, book addition, book availability check, book issuance, and return.
* To improve the overall efficiency of library management processes.

**3.Features**

The project focuses on the following key features:

* User account management: Creation and login functionalities.
* Administrator portal: Adding books, checking available books.
* Student portal: Issuing and returning books, checking return status.

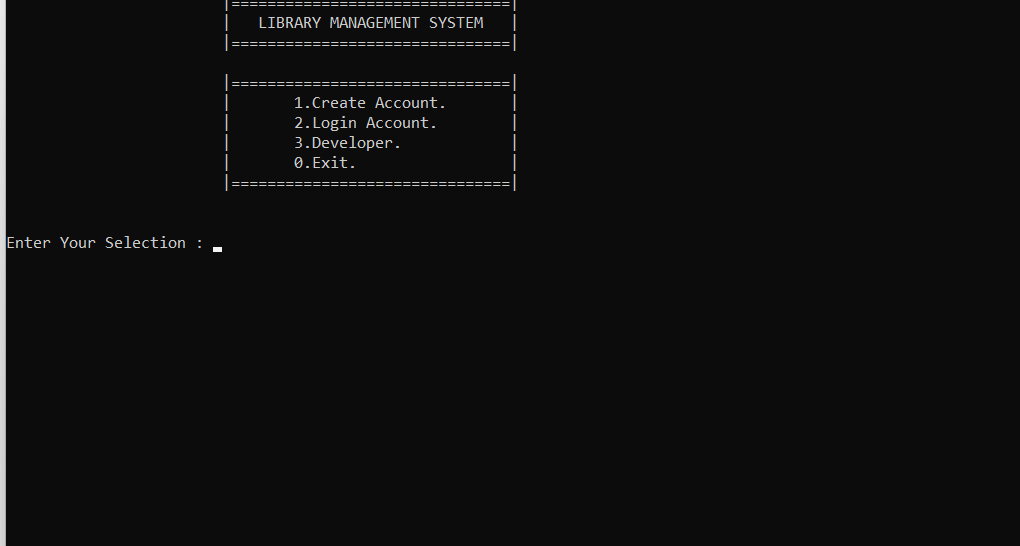
**4.Code:**

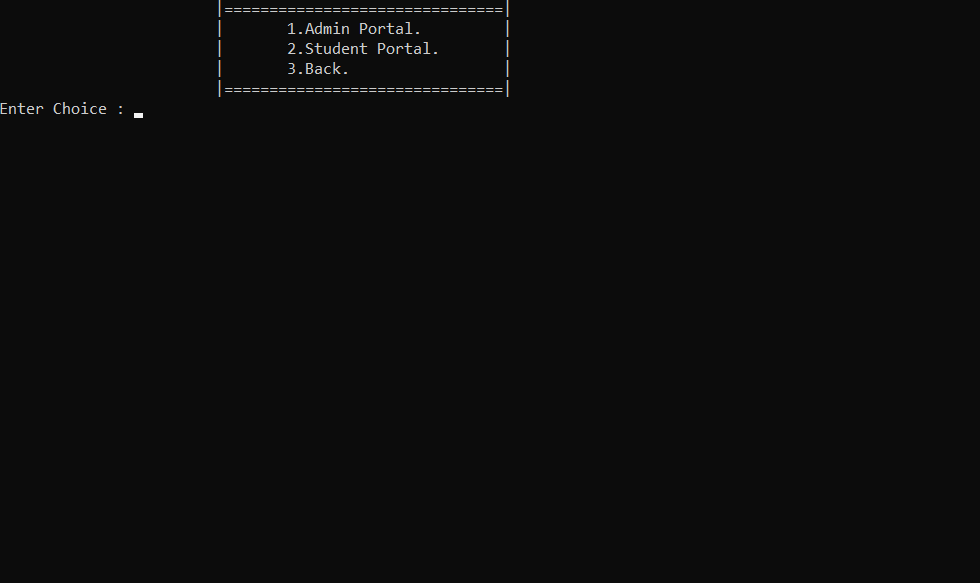
**Classes:**

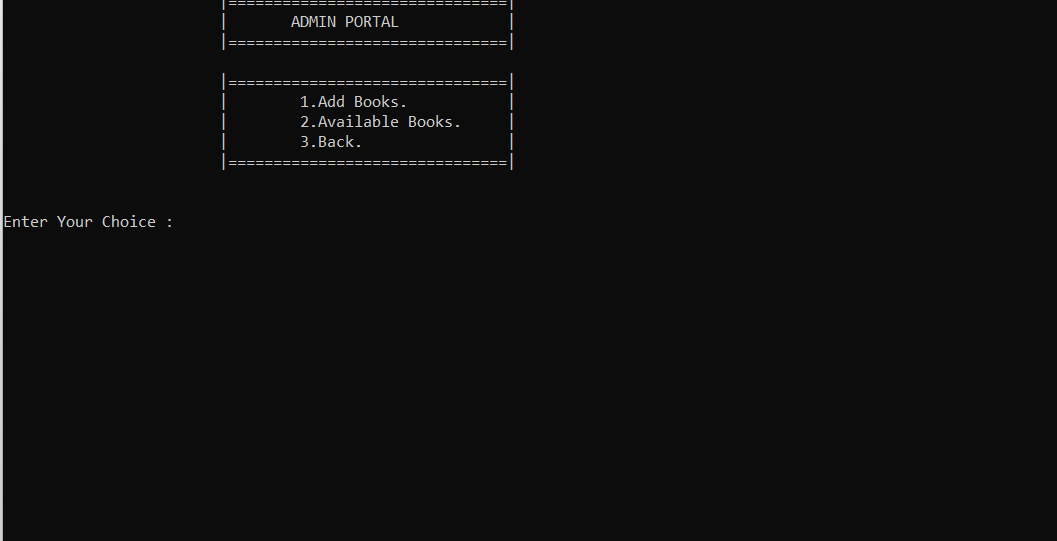
The code consists of a **Library** class, which encapsulates the functionalities related to the library management system. It includes methods for account creation, login, adding books, checking available books, issuing and returning books, and checking return status.

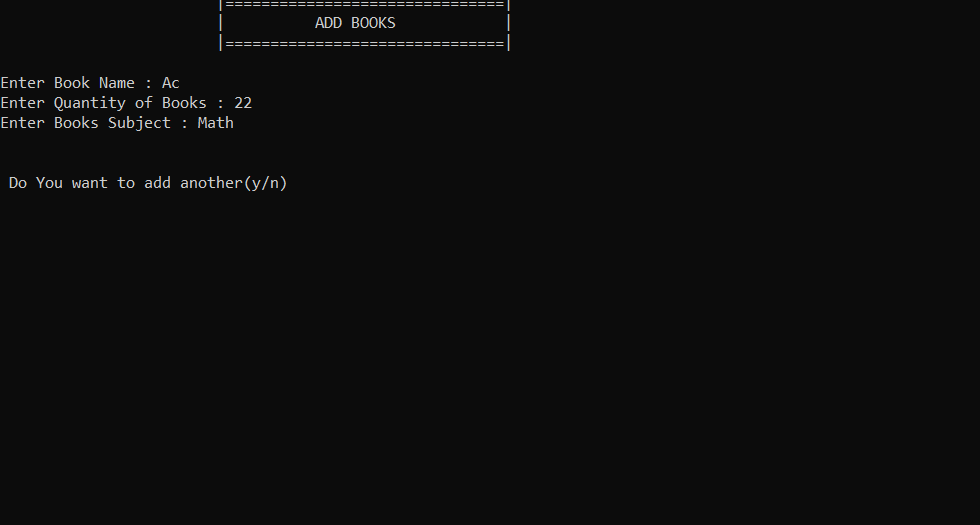
**User Interfaces**

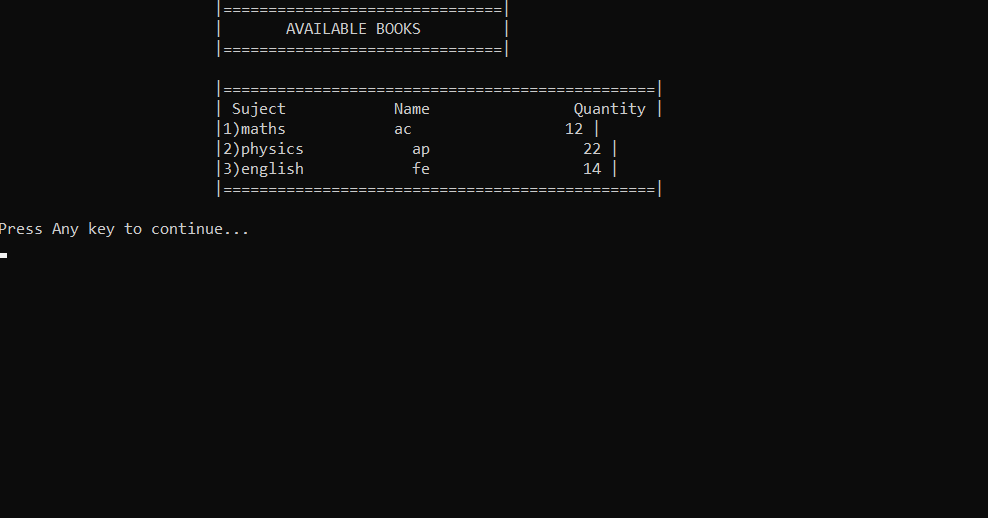
The system provides separate interfaces for administrators and students. The interfaces are text-based, allowing users to interact with the system through a series of menu options.

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