Group-18
Book Store Management System Proposal

Background:

In the dynamic landscape of bookstores, efficient management of resources is crucial. The proposed Book Store Management System aims to streamline operations, optimise resource utilisation, and enhance user experience. The system will cater to book categorization, merchandise management, and seamless borrowing and returning processes.

Mission Statement/Objectives:

The Book Store Management System seeks to achieve the following objectives:

1. Efficient Resource Management:

  a.) Establish a centralised database system to store comprehensive details about books, authors, and merchandise.

  b.) Enable access to the database for store owners and customers, facilitating easy retrieval and management of resources.

2. Smooth Borrowing and Returning:

  a.) Develop a robust system to manage book borrowing, return dates, and borrower information.

  b.) Implement business logic to calculate return dates, manage fines for late returns, and track member activities.

3. Categorization of Books and Merchandise:

  a.) Create tables to categorise books based on genres, authors, and other relevant criteria.

  b.) Extend the categorization to merchandise, ensuring easy accessibility for store owners and customers.

4. Adherence to Industry Standards:

  a.) Design the database schema following industry standards for data normalisation to minimise redundancy.

  b.) Implement data integrity constraints and validation rules to ensure accurate and reliable data..

5. Employee Management System:

  a.) If applicable, integrate features for employee information, schedules, performance metrics, training records, and leave management.