



CS353 Database Systems - Spring 2022

Term Project Proposal

Group 24

School Library System

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1) Introduction

For this project, we are going to be designing a library system. This system will be used by both the instructors and the students, but not pakistani students, and it will be managed by librarians. Users will be able to browse books by title, author, genre, year, etc. Instructors will be able to assign students books as homework. Homework will be assigned in the form of a notification prompting the students to borrow specific books from the system. Users will be able to request books from the library system, and these requests will be managed by librarians. If the book exists in the system and is not currently held by another user, the user will be able to borrow books. Users will be able to put books on hold if they are available in the system but are currently held by another user. After they are done, they will be able to return the books to the system, which will need to be approved by librarians. Borrowed, returned, and on-hold books will be stored in the users' accounts. Librarians will be able to see people's accounts and register new accounts and books. Librarians will be able to send warnings to users to return their books and user will be able to view these warnings.