

# **DBMS PROJECT**

UNIVERSITY      LIBRARY      DBMS

## **TEAM MEMBERS:**

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Semester : 4	Semester : 4	Semester : 4
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## **OVERVIEW:**

The project will be focused on handling the library system of a university, across the various branches which it may have. To phrase it briefly, it is a database management system for a multi-branch university

## **GENERAL FEATURES:**

The system will have a login feature for the borrower (student/faculty). On successful login, a list of books borrowed by the person will be displayed, along with any overdue fees that have to be paid by them.

There will also be an admin/librarian login option which is meant only for librarians. After logging in, the librarian can add/remove books from the books database and can also issue books to borrowers.

The admin/librarian can also view the list of requested books from various borrowers that are unavailable at that moment. In case the book is available in another branch of the university, the system will send a notification to the admin, based on which the admin can make an appropriate decision.

The system will browse through the list of books previously borrowed by the borrower and will give suggestions for books based on their genre for non-educational/fiction books.

Based on the department and semester of the borrower, the system will provide suggestions for educational books to the borrower

## **UNIQUE FEATURES:**

- Displaying overdue fees
- If a book is unavailable in one branch, availability in other branches is checked and displayed.
- Fictional books recommendation based on genres of previously borrowed books
- Educational books recommendation based on department and semester of the borrower

