



GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

Cheeryal (V), Keesara (M), Medchal Dist., Telangana - 501 301

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MINI PROJECT ABSTRACT
IV B.Tech. I SEM CSE - C Section

BATCH NUMBER: C1	Mini Project	Academic Year: 2023-2024
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PROJECT TITLE: LIBRAREASE-A Seamless Library Management

TEAM MEMBERS:

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ABSTRACT

Librarease is a user-friendly web-based library management system designed to simplify book management for both students and librarians. Students can effortlessly search for books, borrow them, and view availability status, while librarians can efficiently manage inventory, update book details, and track borrower records.

In this project, a comprehensive approach is undertaken to address the challenges of traditional library management systems, where students often encounter difficulties in locating and accessing relevant books. Through the utilization of modern web development technologies, database management, and user interface design principles, the proposed system aims to streamline the book searching process while providing accurate information on book availability.

The methodology involves the design and implementation of a user interface that is intuitive and responsive, allowing students to seamlessly navigate and search the library's inventory. The system integrates with a database that maintains up-to-date records of book quantities and availability statuses and also the borrowed list of students. Now, students can borrow books online and pick them up at the library later.

Objective:

- **Enhanced Efficiency:** TomeTrack aims to optimize the library's workflow by automating mundane tasks such as book search, availability check, and borrowing processes, thereby saving time for both librarians and students.
- **Transparent Book Tracking:** The system provides transparent book tracking, allowing librarians to monitor book borrowing activities, track due dates, and manage returns efficiently.
- **Accurate Inventory Management:** TomeTrack ensures accurate inventory management by updating book counts in real-time, enabling librarians to maintain precise records of available books.
- **User-Friendly Interface:** The system offers a user-friendly interface for both librarians and students, ensuring ease of use and enhancing overall user experience.

Commercializable: Yes/No: NO

REFERENCES:

<https://www.sciencedirect.com/science/article/pii/S0740818812000357>

<https://www.academia.edu/download/100469672/ijsrp-p96112.pdf>

<https://www.ijert.org/research/designing-web-based-library-management-system-IJERTV9IS100131.pdf>

Date of Submission: 27/04/2024

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Guide with Date**

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Project In-charge**