

Group Number : IT 07

Group Name : Innovate Coders

Index Number	Name
214145R	Paranietharan P
214134H	Mihunan V.
214116F	Lathisana T.
214197C	Shobikan V.
214240E	Yasothan R

## Brief Description

The Web-Based Library Management System is an innovative solution to modernize the management of school libraries, serving students, teachers, and librarians. It provides an integrated platform that streamlines and enhances library operations, efficient resource accessibility and a dynamic learning environment. This system offers a range of features to cater to the specific needs of these user groups.

Librarians contain extensive administrative features, enabling them to maintain the book inventory efficiently. They can update book details, add new titles, and manage user accounts with ease. This administrative control allows librarians to facilitate the borrowing of teaching materials by teachers, such as teaching guides, ensuring that essential resources are well-maintained.

Users, comprising school students and teachers, benefit from the user-friendly interface, which simplifies their interactions with the library. Students can effortlessly access their borrowing history, monitor fine amounts, and explore the book inventory, complete with availability status. They also have the unique opportunity to contribute to the library's article section, fostering a dynamic and interactive learning environment. Users are further encouraged to engage with the library's offerings by rating and reviewing both books and articles, enabling a more comprehensive understanding of resource quality.

Teachers, in addition to these features, enjoy the privilege of borrowing teaching materials, further optimizing the library's services for educators. All users can write articles in the article forum. All users can participate in rating and reviewing books and articles, contributing to an interactive platform that encourages knowledge exploration.

# Functionalities

- The system allows librarians to efficiently manage book inventory, update book details, and manage user accounts.
- Librarians can facilitate the borrowing of teaching materials by teachers, such as teaching guides.
- Users benefit from a user-friendly interface that simplifies their interactions with the library.
- Students can access their borrowing history and monitor fine amounts.
- Users can explore the library's book inventory, complete with availability status.
- Users, particularly students, can contribute to the library's article section, fostering an interactive learning environment.
- Users can rate and review both books and articles, providing feedback on resource quality.
- Teachers have the privilege of borrowing teaching materials, optimizing the library's services for educators.
- All users can write articles in the article forum, encouraging knowledge sharing.
- The system promotes an interactive learning environment that encourages knowledge exploration and collaboration.