

Installation Manual

To install and deploy the Library Management System application, follow the steps below:

Prerequisites:

Ensure that Java Runtime Environment (JRE) is installed on the target system. If not, download and install the latest JRE version from the official Oracle Java website.

Download the Application:

Obtain the application files from the designated source or repository.

Setup Database:

Install a compatible database management system (DBMS) such as MySQL, PostgreSQL, or SQLite.

Create a new database for the Library Management System to store information related to books, authors, and patrons.

Configure Database Connection:

Open the configuration file for the application.

Provide the necessary details, such as the database name, username, password, and host, in the configuration file to establish a connection with the database.

Run the Application:

Open a terminal or command prompt on the target system.

Navigate to the directory where the application's executable file is located.

Run the application by executing the command specific to the application's deployment structure.

Access the Application:

Once the application is running, open a web browser or the designated user interface to access the Library Management System.

Use the provided login credentials or create a new account to start using the application.

Use the Application:

Explore the different features and functionalities provided by the Library Management System, including searching for books, managing authors and patrons, borrowing and returning books, and other relevant tasks.

Troubleshooting:

If any issues arise during the installation or deployment process, refer to the troubleshooting section of the documentation or consult the support team for assistance.