

# Computer Practical Project 2021

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on November 2, 2021

## Overview

## Objective

## Features

- \* Main system
- \* Book
- \* Admin
- \* Client / Students
- \* Day-to-Day
- \* Category, Publisher, Author

## Future Prospects

# Overview

Following is a document listing the features of a Library Management System that was built after being frustrated by the manual handling of data at the local library. The features include a system to manage a database of books, Admins and Clients, and the ability to modify, sort and export relevant data. The document also includes basic instructions if one wants to modify the program

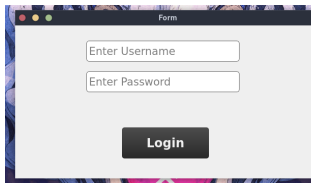


## Objective

To Build

a Library management system that is easy to use and provides a hassle free experience

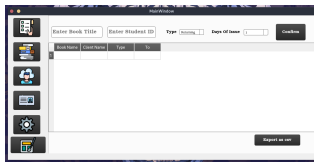
- \* Built with Python and QT Framework
- \* MySQL Database Hosted on Clever Cloud



# Features

## Main system

- \* Login Page
- \* Users
- \* Add Users (Signup)
- \* Add a Book
- \* Edit Book Info
- \* Delete Book
- \* Categories
- \* Settings [Categs, Author, Publisher]
- \* Day To Day Transaction Log
- \* Reports [Excel Files]



## Book

- \* Title
- \* ISBN Code
- \* Description
- \* Category
- \* Price
- \* Author
- \* Publisher

ISBN	Book Name	Description	Category	Author	Publisher	Price
9780101	The...	...	...	...	...	999
9780102	Con...	...	...	...	...	321

## Admin

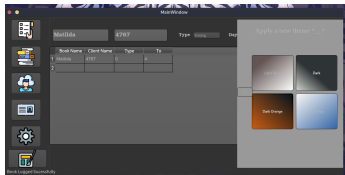
- \* User Name
- \* Password
- \* Email Id

## Client / Students

- \* Username
- \* Student ID
- \* Email ID

## Day-to-Day

- \* Book name
- \* Type  
(Issue / Return)
- \* Duration (weeks)



## Category, Publisher, Author

- \* Names
- \* List

## Future Prospects

- \* WebApp
- \* Integrate  
barcode scanning
- \* Ability  
to select local  
or cloud database