

Date: 30 November 2022



# **LIBRARY MANAGEMENT SYSTEM**

**A python project using Tkinter (3rd Semester)**

Created By,  
Akshara Gupta 211340  
Shivam Thakur 211365

**AIM:** To access book details from the library database, easily, by entering the name and enrollment number of the student.

## **MODULES AND PACKAGES USED:**

(a) Tkinter - It is the most preferred package used for creating nice GUIs. In this project, we used its methods like pack(), grid() for geometry purposes and fonts, colours for better GUI.

(b) datetime - In this project, we used this module to import the current date.

## **PSEUDO CODE:**

- 1) We import mentioned modules and packages, and create a class "library".
- 2) Created different member functions:
  - a) CONSTRUCTOR - to give geometry size to the windows
  - b) DELETE, RESET AND EXIT - to give commands to the function for the same.
  - c) RECEIPT to display books and student's details together.
- 3) Code for frame, widgets and listbox of books.
- 4) Main function and END.

**OBSERVATION:** When the student enters his / her name and enrollment no.. He/ She can select any book and get its details.

**LIST OF BOOKS**

- 2. Korth Book of DBMS
- 3. Programming with C
- 4. Hello India
- 5. Let Us C
- 6. OOPS in C++
- 7. Textbook of Optics
- 8. Probability and Statistics
- 9. Concepts Of Physics
- 10. AI Super Powers
- 11. Introduction to Algorithms
- 12. Textbook of Computer Science
- 13. Python Programming

ENROLLMENT NO.: 211365  
NAME: Shivam Thakur  
BOOK ID: ISBN 23223344  
BOOK TITLE: Python Programming  
DATE OF ISSUE: 2022-11-30  
DUE DATE: 2022-12-14  
LATE FEE: Rs.50  
AUTHOR: RJ Palacio

**OUTPUT:**

**LIBRARY MANAGEMENT SYSTEM**

**STUDENT'S DETAILS**

ENROLLMENT NO. *	211340	DATE OF ISSUE	2022-11-30
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Delete Reset Exit

**CONCLUSION AND LEARNING OUTCOME:** In this project, users get full satisfaction and get a detailed outcome of their

desired outcome. Also we learned to use Tkinter and implement it in our daily life programs.

## **SOURCE AND MODIFICATION :**

Source-

<https://pythongeeks.org/python-library-management-system-project/>

Modification-

Modification is made in the whole code and GUI.

Library Management System

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1. Mastering in C++
2. Korth Book of DBMS
3. Programming with C
4. Hello India
5. Let Us C
6. OOPS in C++
7. Textbook of Optics
8. Probability and Statistics
9. Concepts Of Physics
10. AI Super Powers
11. Introduction to Algorithms
12. Textbook of Computer Science

Delete

Reset

Exit

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