

MINI PROJECT FOR MANAGEMENT SYSTEM IN C LANGUAGE



PROGRAMMING

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OUR PROJECT HAS BEEN CATAGORISED INTO THREE PARTS:

- **LIBRARY MANAGEMENT SYSTEM**
- **ATM BANKING SYSTEM**
- **RESTAURANT BILLING SYSTEM**

AIM

- Library management is a project that maintains and stores book data electronically according to students' needs. The system supports both students and library administrators to keep a consistent track of all the books available in the library.
- ATM banking enables customers to access their accounts without visiting the bank. When a user requires to withdraw cash, they can enter their PIN number and the amount to be withdrawn.
- A Restaurant Billing software eases billing operations by automation and improves the overall customer experience.

LIBRARY MANAGEMENT SYSTEM

Algorithm

Step 1: Declare a structure which holds data members

Step 2: declare variables which are used for loop

Step 3: use switch case to work on each module

Step 4: case 1- for Adding book information

Case 2- for Display book information

Case 3- for Display book of given Author

Case 4- for Finding number for books in library

Case 5- for EXIT

PROCEDURE

- First we will declare the variables.
- Printf() and scanf() functions for displaying the content and taking input from the user.
- For entering the choice we use while loop.
- Then we use switch case for entering user choice
- Program uses structure to store books records.
- In case 3 strcmp function is used to match author's name.