**Mini Library Management System:**

**Purpose:** It will keep track of all the books in a library helping in library management.

**Goal:** Mini Library Management System for adding, updating, deletion, search, listing and renting and return books.

**Requirements:**

1. Adding – adds the books to the struct library
2. Deletion- deletes content in struct library and then updates all books list in order
3. Search – search for books using either author, title, genre
4. Listing- display books
5. Renting- makes a flag that mentions that it is rented or not
6. Returning book-returns the rented book back it updates a flag in it to show available
7. Exit();

1.Int menuDisplay(void);

2.Int adding(int numBooksAdded);

3.int renting (char name[],int len,int choice);

4.int deletion(char name[],int len);

5.Int displaysearching(void);

6.Void displaybook(int iv);

7.Int searching(char[],int len,int choice);

8.Int returning\_book(char name[], int len);

9.Void listswitch(int cases);

10.Int adding(int);

**Data Flow diagram:**

