Medical Store Management Project Structure:

This mini project is a very comprehensive one. For this project you need to use the file handling concept in c. The whole project is based on file handling as all medical records are stored in file.

You also need to use the data structure concept that can be used to store and organize records. Overall, understanding this project will provide you valuable information on how to store, edit, search and delete data using file.

In this project you need to work on the some basic module that is listed below.

1. Customer Info
2. Medicine
3. Supplier Info
4. Billing
5. About
6. Exit

For this project you need to create the functions as listed below.

1. **Customer Menu**

   ➢ void customer();
   ➢ void cust_search();
   ➢ void search_cid();
   ➢ void search_cname();
   ➢ void cust_entry();
   ➢ void cust_list();
   ➢ void cust_update();

2. **Medicine menu**

   ➢ void medicine();
   ➢ void update_stock();
   ➢ void medi_entry();
   ➢ void medi_sale();
   ➢ void medi_search();
   ➢ void stock();

3. **Supplier menu**

   ➢ void supplier();
   ➢ void supp_entry();
   ➢ void supp_list();
   ➢ void sup_update();
   ➢ void search();
   ➢ void search_id();
   ➢ void search_name();

4. **Bill slip**

   ➢ void bill();

5. **About menu**

   ➢ void about();

6. **Exit**

   ➢ Void Exit();

Database field for storing information.

Supplier menu Table field

Sr No	Field Name
1	supp_id
2	supp_name
3	temp1.mob_no
4	temp1.city
5	temp1.email

Customer Menu

Sr No	Field Name
1	cust_id;
2	cust_name
3	city
4	mob_no
5	email

Medical Menu

Sr No	Field Name
1	id
2	medi_name
3	rack
4	cabnit
5	quantity
6	Sale
7	total
8	Unit
9	Cost
10	Profit
11	Bye

12	qty
13	pur_date
14	exp_date
15	manu_date
16	bill_no
17	comp_name
18	supp_name

Bill Slip

Sr No	Field Name
1	billno
2	cname
3	mediname
4	medi_qty
5	medi_rate
6	Total
7	Day
8	Month
9	Year

Library Management System Project Structure

The concept of storing or recording the details of books embedded within the user's system is known as Library Management System. It details the type of books, the list of books, etc. Only a person with the login credentials can access the Library Management System. That person can perform many operations like adding the book details, removing the book details, displaying the book details, modifying the book details, etc.

We must use the Library Management System in order to have secured storage of book details contained within the Library (probably). This feature is generally enabled in order to protect the data, which is highly confidential.

For library management, this project considers six departments – Computer, Electrical, Civil, Electronics, Mechanical and Architecture. These departments work simultaneously with the operations mentioned above. You can add a book to the Civil section, delete a book from the Electrical section or view issued book details of the Mechanical department.

For this project the following are the functions which you need to write.

void mainmenu(void) – This function is used to display the main menu of this project. Scroll down to Output to view the main menu.

void returnfunc(void) – Inside this function, the main menu function (mentioned above) is called when the user presses a key. With this, the user can return back to the main menu.

void addbooks(void) – This function adds books in a file. For that, you need to mention the department to which you want to add the book. The record is saved in a file. And, it is similar for the following functions as well.

void deletebooks(void) : This function can be used to delete the book from the file.
void editbooks(void) : This function can be used to edit the existing book.
void searchbooks(void) : This function can be used to search particular book from file.
void issuebooks(void) : This function store information about issue book.
void viewbooks(void) : This function can be used for to display book info.

void issuerecord() – With this function, you can keep record of the student to whom the book has been issued.

void closeapplication(void) – This function is for closing the application.

int getdata() – This function asks for data input from the user.

int checkid(int) – This function is used to check whether the ID of a book entered by a user exists in file or not.

void Password() – Due to this function, the user is asked to input password to run the application after it is opened. You can't change the password upon running the application.

Database field for storing information.

Add Book

Sr No	Field Name
1	id
2	stname
3	name
4	Author
5	Quantity
6	Price
7	Count
8	rackno

Issued book list

Sr No	Field Name
1	id
2	stname
3	name
4	cat
5	issued.dd,a.issued.mm,a.issued.yy
6	duedate.dd,a.duedate.mm,a.duedate.yy

The main Menu should be like below.

- ➢ Add Books
- ➢ Delete Books
- ➢ Search Books
- ➢ Issue Books
- ➢ View Book List
- ➢ Edit book Record
- ➢ Close the application