**Student database system**

Student Database System Project is a simple console application designed to demonstrate the practical use of C programming language and its features as wells as to generate an application which can be used in any school, colleges, university etc. for storing data of the student.

You can use this application to keep the records such as name, address, mobile number, date of birth, fees amount etc. of your student. Moreover, if you have a new Student, you can add and edit the account at any time.

**Features:**

1. It can hold any number of accounts and account can be added to the program at any time.
2. The programming of simple calculations such as calculation of due amount, balance etc. have been embed in the code of project.
3. The Customer Billing System project in C gives you the facility of searching the account by two ways, either by name of the customer or by the number of customer.
4. The due amount to be paid is shown as negative balance.
5. If you have nothing to do with the program, you can directly exit from the main menu.

Module

#include<iostream>

#include<cstdio>

#include<cstring>

#include<cstdlib>

#include<iomanip>

Interface

struct date

{

Char name[50],emai[30];

Char dob[30],course[100],address[30],branch[30];

Long int id,phone;

};

struct student e;

char input[50];

long int recsize;

int width=10,flag=0,count=0;

fp=fopen("studentdata.txt","rb+");

if (fp == NULL)

{

fp = fopen("studentdata.txt","wb+");

if (fp==NULL)

{

puts("Cannot open file");

return 0;

}

}

Integration Testing

In this individual software, modules are combined and tested as a group.

Functions and Non-Functions

* void title()
* void input Records()
* void display Records()