

COLLEGE ADMISSION SYSTEM

In C Programming



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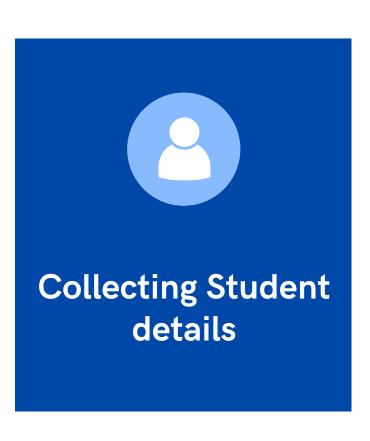
Introduction

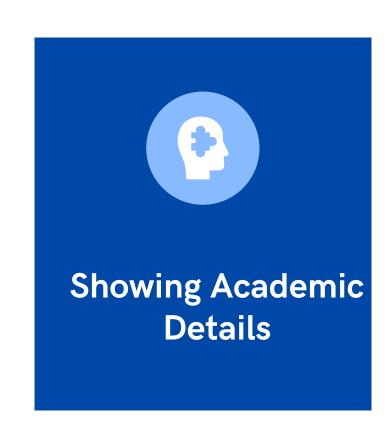
- A college admission system mini-project in C programming can be designed to store student basic data, academic details, and fee details.
- The system can then store this data in a database for further processing.
- In addition to storing basic student information, the project can also include a module to show academic details about the course.
- Furthermore, the project can also include a module to show the fee details of the students according to the courses they enrolled in.

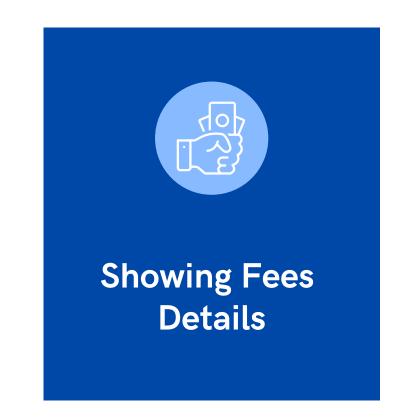
Objective

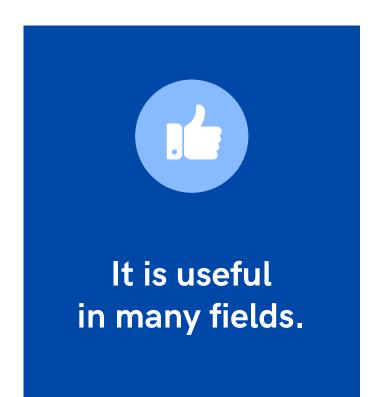
- The objective of a college admission system project is to computerize the traditional way of student admission management. It aims to reduce manual work and excess time taken for admission processes.
- Another purpose for developing a college admission system is to generate various desired reports on a single click .
- It also helps educational institutions manage the student enrollment process effortlessly.

Features of The Project









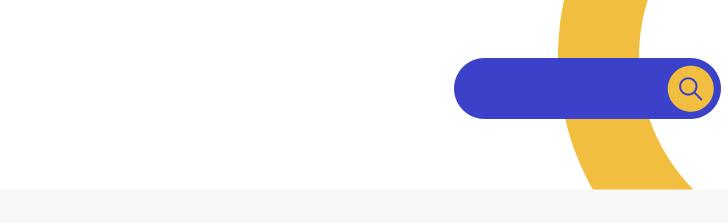
BRIEF EXPLANATION



To register as a new student, select option 1. This will prompt you to enter the necessary data to register as a new student.

Option 2 provides access to academic details related to the institution.

Option 3 allows you to view details about the fees associated with the institution.



Enter Your Choice?





+

STUDENT ADMISSION FORM

Upon selecting option 1, the user or administrator is prompted to provide all the necessary information for admission into the college.

A structured approach is employed to gather the student's details, including but not limited to their name, unique ID, and other relevant particulars.

If you will enter the student id that is already present in the database it will return an error message and will ask you to enter a different student id.

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1.Personal Details

Enter Your Unique Id 12345 Enter Your Name kaustubh

Enter the DOB in DD/MM/YY format

05/04/2003 Enter Your Gender : 123 Enter Your City:

jdpr Enter Your Father's Name:

mr. Enter Your Father's Occupation

Enter Your Mother's Name:

mrs. Enter Your Mother's Occupation

xyz Enter Your Father's Income:

123456 Enter Your Mother's Income:

123456
Enter If you Have a Transfer Certificate or not
PS C:\Users\ASUS\Desktop\all files\C programs>





STUDENT DATABASE STORED

- After filling the admission form, the student's database will be store in a .txt file.
- If their is no file with that name exist then it will create a new file to store admission form data.

```
≡ student_details.txt
      rohan
      21/08/2004
      male
      hindu
      indian
      ambala
      XYZ
      ghj
10
      kjl
11
      idk
12
      9999
13
14
      99999
15
```



ACADEMIC DETAILS:



After choosing option 2, administrator is asked to fill the unique id.

After this, the administrator has to select the branch of the student. Choosing this, a list of all the subjects will be displayed along with their credit points.

```
MENU
+ 1.Admission/Registration
+ 2.Academic Details
+ 3.Fees Details
+ 4.Quit
Enter Your Choice?
2
Enter The ID Of Student: 123456
```

Academic Details

Please Select Your Branch

- 1.Computer Science
- 2. Electrical And Communication Engineering
- 3.Information Technology

Please Enter your Choice



```
Please Enter your Choice
              Details for the First Year
                     PHY CYCLE
                                          Subject Credits
              Subject Name
       S.No.
              Basic Electrical Engineering
              Elements Of Mechanical Engineering
              Engineering Mechanics
              Engineering Mathematics 1
              Engineering Physics
              Physics Lab
       6
                                                 1.5
              Workshop
                                                 1.5
              Total Credits = 23
                  MENU
+ 1.Admission/Registration
+ 2.Academic Details
+ 3.Fees Details
+ 4.Quit
```

FEE DETAILS

After choosing option 3, the output will ask you to select your course and admission type.

It will show you fees according to the input given by you.

Enter Your Choice?

Ξ

FEES DETAILS:

Select the Course

1.B.Tech

2.Exit

1

B.E.

Enter The Admission Type:-

1.Josaa

2.JAC

3.Others

1



```
Tution Fees= 1,00,000/-
College University Fees = 35,000/-
University Eligibility Fees = 1,500/-
Hostel Fees
Caution Deposit = 15,000/-
Room Rent/Electricity Charges = 48,000/-
Total Hostel Fees
Hostel Mess Charges = 1800/- per month
MENU
+ 1.Admission/Registration
+ 2.Academic Details
+ 3.Fees Details
+ 4.Quit
Enter Your Choice?
```

CONCLUSION:

- In conclusion, the college admission system developed in C language is a functional and efficient tool for managing the admission process of a college. The system allows administrators to easily enter and retrieve student information, manage admissions, and track the status of applications.
- Overall, the college admission system in C language provides a streamlined and organized approach to managing the admission process, which can help colleges save time and resources while ensuring a fair and transparent process for students. However, as with any system, it can be improved and expanded upon to meet the changing needs of the college and its applicants.

THANK YOU!