

School Of Computer Science and IT

Devi Ahilya Vishwavidyalaya, Indore

BCA VI Semester

Synopsis on

College Management System

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Introduction:-

The project entitled the “**College Management System**” is developed to perform the task regarding student’s admission in the college and management of student’s information (i.e. fee submission, result generation) throughout the course duration. It is basically a desktop based application. This project is developed to manage action like generating the rank list according the marks obtained by the student in the entrance exam, promoting the student to the course, for which he/she had applied, according to the obtained rank, if he/she had submitted the fee. If the student is admitted or promoted to the class then there fee submission status and the result generation, regarding each semester will also be managed.

It will have all the basic modules to add, update and search the information of the student.

Objectives

- The main objective of this application is to save the time.
- To reduce the tedious job of the admission department of the college.
- By this application, admission department of college (admin) can easily complete the task of providing admission to the eligible student.
- All the information of student from the time of admission till the complete duration of the opted course can be managed within a single system.
- Converting the manual work to the computerised one.

Scope

This application is useful for college management department. But it is managed by a single admin. It is applicable for any college or educational department.

Problem Definition

Generally in colleges, when a student appears in entrance exam, the marks obtained by him/her are maintained on the paper, according to which the rank list is generated manually.

If the student gets admitted to the college, his/her information will again have to be stored for management of fee and result separately. Which leads to data redundancy.

Solution

The whole work will be done on system and save the time.

The information of the student is stored as he/she applies for the entrance exam. After appearing in the exam, the marks of the student will be inserted by admin corresponding to the student. According to the inserted marks, a rank list will be generated. Now, the student occupying maximum rank will be promoted to the course for which they have applied, if they have submitted the fee. The information of admitted students will be stored separately. As the information of student have been stored separately, then the information regarding fee submission and the result will be managed within a single system, which reduces data redundancy.

- Information of student can be added by the admin
- Information of the student can be updated
- Information of any student can be obtained (searched).

This application is managed by a single user; he/she only will operate the system to maintain the management process using 'College management system'.

Requirements

Software Requirements:-

- Data Base Server:-
 - MS access, operating system (windows, LINUX etc.)
- Development End:-
 - MS access, operating system (windows), visual studio.

Hardware Requirements:-

On small instances, server load is primarily driven by peak visitors.

Specifications of system:-

- 1GHz + CPU
- 103MB RAM

References

Websites:-

- www.google.com
- www.tutorialspoint.com
- www.w3schools.in
- www.youtube.com

Referred books:-

- Database System Concepts, A. Silberschatz, H. F. Korth, and S. Sudershan, 5th Edition, McGraw Hill
- Sql, Pl/Sql - The Programming Language of Oracle, 4/E by Ivan Bayross
- System Analysis and Design: Awad, EM, Galgotia Publications Pvt. Ltd