Online Course Registration System

Abstract:

Student course registration is an integral facet of university registration processes. The abstract of this project is to present a detailed description of the Online Course Registration System. It will explain the features of the system. The interfaces of the system will do, the constraints under which it must operate and how the system will react to external factors. This document is intended for both stakeholders and developers of the system. This project is intended for both stakeholders and developers of the system. Online Course Registration System will enable students to register for courses on-line. The Online Course Registration System allows professors and course advisors to check the number of registered students. Course Registration System will help the student to gather information about a particular course. Then they can easily register them self in a particular course.

Introduction:

The Online Student Course registration system is automated system where the user can register the student for various courses. This is proposed for automating the student's course registration. While the student joins any educational institution, his admission is made on the basis of his previous records. The students who wish to the institution must be given with the available course details. After the confirmation of his joining the student must be given with new identity and records as per the institution. However,

when the registration period is over, all previously registered courses by the students will be viewable in the system.

Objective:

The current research aims at reducing the workload all the entities involved in the registration procedure for the students. The current manual system faces different challenges as to maintaining data of each student manually. Hard copy registers are maintained currently to verify student details. From students' point of view, they have to fill the forms manually and then get them verified from concerned officials, which is a very time-consuming process.

The objectives of this project:

To computerize student and faculty database.

To maintain data consistency and integrity.

Automate the registration process without any physical human interaction.

 Making the registration process accessible anywhere to the student.

Allowing faculty to acknowledge registration requests from anywhere.

With the requirement of registration process for every semester, it becomes all the more important to simplify a process which is highly repetitive.

The achievement of the above objectives can help the institution in managing the resources efficiently. The automated process will lead to time saving and eradication of common errors.

Problem Discussion:

Implementing the Online Student Registration System, the registration procedure has been simplified. Previously student had to go door to door for their registration. We will solve this problem.

Procedure of our project:

- Create New Registration
- Search Student By ID
- Update Student Registration by Status
- Delete Student Record
- View Student Record
- Teacher Account
- Exit

Related Research:

- School Management system.
- E-visa processing & follow up system.
- Phonebook system.
- Online Property Management System.

Proposed Method:

In this project we used JSON file and here We used some key word like open, write, reader, get, database. We also used Python Programming language. We also some key words like built in function, list, strip and also some user defined functions. Then print Name, ID, Gmail, Gender, Registration course, Section, one by one. For delete, edit or find who register, we need to search by student ID. But there are many complexities. We are created a system which is more user friendly, easy features.

Result Discussion:

Development of Student registration system has greatly simplified previously complex tasks. Manual work is reduced to a large extent. The task of maintaining huge data can now be accomplished with a few buttons clicks. Previously, the system was hectic for both faculty and the students but now that it is accessible anywhere, registration process has been simplified.

Conclusion:

Our country is developing we are updating our self-day by day. So, we have to be more informative. For this reason, we created this student management system to make it easy for our student's and also for management. Online application of the whole system helps easy access to the system anywhere. Physical presence of the student is not required. The time taken for process completion is now largely reduced. We tried to solve all of these problems.