

SYNOPSIS

Report on

ONLINE STUDENT REGISTRATION SYSTEM

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ABSTRACT

This is a website of Online Student Registration system which can be used by student to register themselves. This website of Student Registration removes the task of student and management for registration in admission in college.

This registration system will help the administrative staff that is executive of the college/school to keep the daily and the history record details of the student within the proper database. The system aims at the registration and management of the Colleges/Schools that are available in the College. It mainly takes care of the Students in the database.

The system provides the information regarding the students that are available and their status specific to availability. The students can visit the site with the necessary information that is expected by the management from students.

Each registered student can see their details on site. The total front end was developed by using HTML & CSS standards and for dynamic effects we have applied the PHP. MySQL is one of the secure languages that is planned for the database connectivity. The user level accessibility has been restricted into two zones the administrative and the normal user zone.

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1.Introduction

System may be defined as a layered structure that depicts how programs involved would interrelate and communicate. In computers, System may also include actual programs, programming interfaces and tools for managing the larger system. The term system may be used differently in different contexts, but the concept remains the same. Online student registration system combines multiple systems to construct a combined framework. This framework consists of multiple modules, which further contain different systems along with the implementation of their defined constraints.

Basically, systems are implemented for facilitating complex manual processes and that is exactly what we are trying to achieve. System is implemented as per user requirement such as a manufacturing concern may install a plant for easing out manual processes. We have sought help from computer programming for automation of manual registration system.

With the introduction of computers, every aspect of our lives has been revolutionized. When used judiciously, computers can help us save time, secure our personal information, access the required information whenever and wherever required. Keeping all these positive points in mind, we have developed an Online Student

Registration System for easily managing the semester registration process for the student in an institution. Ours is an advisory based system. In state agricultural universities the allocation is advisory based and more complicated. These are assigned according to the skill set and industry requirements. Hence, in current scenario, automated system is required for registration of students.

Implementation of the proposed system will reduce the workload of all those involved as the data can be now managed with proper authentication and authorizations instead of being hard copied and accessible to everyone. This system will largely save the precious time of Deans, Advisors and Accounts Officers, instead of explicitly signing every document; they just must acknowledge entries online with the click of a mouse.

All the technologies i.e., PHP, Apache and MySQL used for current system design are open source and hence freely available for download. PHP provides a strong platform for creating the visual front-end of the web application and PHP combined with HTML provides a very flexible development environment.

For simpler implementation of certain features. For constant testing, analysis and execution needs, Firefox and Google Chrome web-browsers were used. With a combination of all these technologies we were able to create a web application environment that is efficient and consistent enough.

The primary goal of our research and development was to automate student registration procedure. It has been achieved successfully and the system is tested to be working efficiently. 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. After registration the database is automatically updated at the end of process completion removing the

hassle for department officials who had to enter the data manually. As the database is managed through MySQL, data duplication is eliminated and thereby reducing chances of error. Also, data can now be easily retrieved, edited, and printed whenever required. Authentication based access proves to be more secure than manual system. The data is maintained on a central server and is distributed among different departments as per requirement and copies of this database are maintained on backup servers. Also, database access is authorised and cannot be viewed or edited by unauthorised personnel. So, this automated and computerised system is safe, fast and user friendly

2.Literature Review

According to Engr. P. D Joseph (2006) said that there was a time in the primitive and barbarian days before computer, the amount of information shepherded by a group of people could be collected in the wisdom and the stories of its older members. In this world story tellers, magicians and grandparents were considered a great and honoured storehouse for all that was known.

It gets to a stage when the data are too much to be managed in the minds of the elders. And so, to store all the new information, humanity invented the technology of writing and then great scholars like Aristotle warned that the invention of the alphabet would lead to the subtle but total demise of the creativity and sensibility of humanity, data began to be stored in voluminous data repositories called books.

As we know, eventually books capsulated with great speed and soon whole communities of books migrated to the first real “database” libraries. Unlike previous versions of data warehouses (i.e., People and books) that might be considered the australopithecic of the database lineage, libraries crossed over into the modern-day species, though they were incredibly primitive of course over into libraries introduced.

3.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 must fill the forms manually and then get them verified from concerned officials, which is a very time-consuming process.

The objectives of this proposed web application system are:

- To computerise student and faculty database.
- To maintain data consistency.
- 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 even 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.

3.Research Methodology

An individual corporation bodies or even a nation we are confronted with a lot of problems everybody such as relaxing to education technology, physiology, and psychological aspect of life.

To solve these problems, we must make a strong decision as to methods and steps of solving the various problems. To be able to make a headway we need to conduct research.

Therefore, research is considered as the process of arriving at a dependable solution to a given problem through the systematic collection, analysis, and interpretation of data.

3.1 Method of Data Collection

There are numbers of approach to data collection depending on the nature of the research being conducted. In this project, the methods adopted include the following: Interview, World Wide Web, references to published and unpublished collection. The data collected for this research can be broadly classified into two types, namely: the primary and secondary data.

PRIMARY DATA

Primary data can be defined as data collected directly from respondent relevant to the subject under investigation. The primary data used in this case is interview method according to Enr. D. O Dimoji (2022) says that primary source data collection is source from first-hand information can be obtained. The tools for gathering the primary source of data collection include interview, observation, and questionnaire etc.

In outcome we gather some data from end user for further process and verify and then validate it may be defined as the fundamental data which is needed for registration.

In this registration process there is need to have a personal email id which is valid format and

- He/she needs to a password which helpful for login
- Through password she can login in the site and able to verify his or himself so they have to create a password for the login and after creating the password they will enter in the next module so this is the fundamental data which the user need in this case the end user is that the student which is trying to register itself for the course it may be the courses like MCA and other courses like MBA or B Tech after then login the next phase is started here
- Now in the next phase we need to add some students extra details like students first name and then in second column students middle name it will be the optional for the student to seal it or not and after the middle name he needs to be registered with his last name or which we can call it's a surname after entering the surname and last name or middle name in it's to enter the mobile number for the verification and contact
- Now in the next box needs to enter this father or mother name his father's first name and surname also his mother's first name and surname in both names middle name is optional and it is up to the student he/she wants to enter or not after that he or she needs to be entered his city as address is needed for the registration in the college admission process It's to be entered in both addresses current and permanent address.

- after his student in need to enter his previous educational details like 10th, 12th, and graduation, if they are applying for that post-graduation course Like MCA and MBA but if they apply for the BTech there is no need for graduation details.

4.Outcome

Implementing the Online Student Registration System, the registration procedure has been simplified. Previously student had to go door to door to get the documents acknowledged from the concerned officials whereas the currently developed system offers an efficient way to perform these operations.

The students can access the registration portal online either from a computer or a smart phone and fill the necessary information and submit it for further approval. This web application provides us with ease of access, user friendliness and transparency. On the other hand, from organizations viewpoint, it helps in maintaining transparency, data consistency, data accessibility and easy maintenance.

- A. It will automate.**
- B. All process will be faster.**
- C. Easy to the students to register themselves.**
- D. Can register remotely.**
- E. Without any physical contact.**
- F. Time saving.**

5. Time Duration

PROJECT TASK	MARCH	APRIL	MAY
Planning & Requirement			
Design			
Coding & Implementation			
Testing & Report			

6.REFERENCES

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