

Student Admission and Academics Management System

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ABSTRACT:

Education is indispensable for human. Without education one cannot survive in this world. Every year many student land up in wrong schools because of lack of information of school is provided to their parents. If a system is devised which a can provide them proper information then a number of students taking admissions for that particular school can be maximized. After the admission process is done many teachers land up in trouble to maintain and store each and every students record wisely. The second module of this project is to create a system where teacher can keep the overall academic record of every student, so that this record will be stored and accessed gently anytime. The system will be accessed by both the user as well by the admin as per the authorization provided. The main aim of this project is to create a portal where users and teachers both can find a perfect solution to create a better enviroment for admission and academic management. This system was developed using ASP.Net, C#(Sharp), Bootstrap, Css, JavaScript and MySQL database.

Keywords:

**ASP.NET, C#(SHARP), BOOTSTRAP,
JAVASCRIPT, CSS, MYSQL.**

1. INTRODUCTION:

Earlier admission process was completely different as parents had to wait in long queues to collect the form, again wait in a long queue to submit the documents, which was time consuming and hectic. The Student Admission process has been studied extensively that how parents can choose schools for their children's through digital ways where they can find appropriate

information, and knowledge about the school without wasting their valuable time, which leads to the enquiry process, apply for the admission process and eventually get enrolled. This portal also provides support to the teachers. Once the students are enrolled in that school, teachers get another tasks of dividing students in appropriate divisions, as per their standards. Settle them according to their roll numbers, set their exam patterns, conduct their exams, store their marks, calculate their marks in different parts (unit wise, term wise, semester wise) and later declare their final result. All this is done in this academic management system where all the information about the students starting from their basic information till the marks which they have scored is been calculated and stored in database and the teachers can fetch this information anytime..

2. AIM AND OBJECTIVE:

2.1 AIM:

To prepare one stop solution for students admission and academic monitoring.

2.2 OBJECTIVES:

1. Man Power Saving:-

Organizations don't need to allot additional manpower to manage the heavy crowd. Because of which human work is reduced.

2. No longer require printing & sorting forms :-

Data is stored in the database. So there is no need of printing and sorting forms.

3. No longer require to collect forms of all the candidates and file them :-

As all the documents are stored digitally, there is no need to collect the forms and file them.

4. Rapid and Flexible :-

This system uses rapid and flexible framework that can help organizations to make better decisions.

5. Real-time reports & graphs for analysis :-

Reports and Graphs are generated for better analyzing.

3. PROPOSED METHODOLOGY:

3.1 Identify Documentation Needs:

Determine the specific types of documentation required for the student admission and fee management system. This may include user manuals, installation guides, system requirements documents, API documentation, and training materials.

3.2 Document Organization:

Create a documentation plan that outlines the structure and organization of each document. Divide the content into logical sections, such as introduction, system overview, user instructions, system administration, troubleshooting, and frequently asked questions.

3.3 Content Creation:

Gather information from the system development team, stakeholders, and subject matter experts to create accurate and comprehensive content. Write clear, concise, and user-friendly instructions, explanations, and descriptions that cater to the intended audience (administrators, admission officers, finance personnel, etc.).

3.4 Review and Editing:

Conduct thorough reviews and edits of the documentation to ensure accuracy, consistency, and clarity. Engage reviewers from different perspectives, such as developers, domain experts, and end-users, to provide comprehensive feedback.

3.5 Formatting and Visuals:

Use consistent formatting and styles throughout the documentation to maintain a professional and cohesive look. Include relevant visuals, such as

diagrams, screenshots, or flowcharts, to enhance understanding and clarify complex concepts.

4. IMPLEMENTATION:

For the admission process parents will firstly start with an enquiry about the organization where they will have to check about the organization and the details for the admission process. After this the parents should register their child's name for the interview, the admin will create an appropriate login id for students through which they can login and can start the admission process.

THE PROJECT IS FURTHER DIVIDED INTO 3 SECTIONS:

1. Pre-primary Section.
2. Primary Section.
3. Secondary Section.

As per the sections standard, division and roll number will be provided to the students. After this there will be a Exam Master portal which will enable the admin to post information about the exam patterns which contain the subjects, graded subjects, maximum marks and minimum marks, which will be then allotted to the students as per their section. There will be a separate excel sheet which will have the entire details of students which includes the name, standard, division, and subjects. With this the project will have the processing part which will give an overview about the marks which students have gained.

It contains three parts: 1. Unit wise.

2. Term wise.
3. Final Processing.

After this there will be a report section which we have the checklist, the consolidated result and the final report card for the project.

5. LITERATURE REVIEW:

An survey was conducted in an certain area, where we came across how parents face problems while taking admission for their children's, and how hectic and stressful is that process, whereas how difficult it is for the teachers to keep records of each and every student academically. To reduce all this problems, we

have found a solution which will barely minimize the work load of teachers and can help parents to find some better option for their children's admission process For this system information about the students was taken from Bitskan Infotech PVT.LTD. Basic knowledge on how to create a website was taken from W3Schools, GeeksforGeek, Javatpoint, Youtube, Tutorialspoint,. To make this system responsive Bootstrap 5.0 was used. Various others websites and books were also referred for this.

Future Scope:

- 1.Email Verification.
- 2.SMS Integration.
- 3.Chat Integration.

Designing and Technologies:

The technologies that are used for creating this system are as follows:

1. ASP.NET Framework 4.3.
2. Bootstrap 5.0.
3. Javascript.
4. MS SQL R-2008.
5. CSS.

6.CONCLUSION:

The **STUDENT ADMISSION AND ACADEMICS MANAGEMENT SYSTEM** will work to coordinate the scheduling and communication between faculty regarding students. This system exists, to simplify information tracking both parents and admin staff, whereas it is also designed to track, maintain and manage all the data generated by the school such as admission, exams, attendance, roll-no, marks, results, generating reports etc.

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