

# School Website And Student Management System

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## 1. ABSTRACT

*Nowadays many organizations have adopted the approach of making a portal, through which they can bring their school on a digital platform. The School Website and Student Management System is one among those portals which has complete information about the school. It basically focuses on the history of the school, like how their management works, what facilities they are providing to their students, what are the overall achievements of the school and their students throughout the curriculum and so on. It also has the property of generating reports, storing information about the students, generating their mark sheet report, managing their fees transaction part, and monitoring it. All this is done by the admin authorities. This portal provides complete guidance to the users and helps the admin side to store, manage and monitor all the other activities which are held inside the school.*

## 2. KEYWORDS:

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

## 3. INTRODUCTION:

Education system forms the backbone of every nation. It is important to provide a strong educational foundation to the young generation to ensure the development of open-minded global citizens securing the future for everyone. Advance technology available today can play a crucial role in streaming education related processes to promote solidarity among students, teachers, parents and the school staff. The School Website and Student Management System will handle the whole activities of the student and school. It provides facilities to keep records of students, their fees, teaching and non-teaching staff with the required details along with all the reports and transactions made. It has facilities to generate students reports as per required. It has admin side which will be accessed by the authorized administrator and the client side which

will be accessed by the users, as per the authorization provided to them. The teachers also has different access for this.

## 4. AIMS AND OBJECTIVES:

### 4.1. Aims:

The study aimed to analyze, to design, to develop, to test, and to implement an effective and useful school website and to monitor the fees and result sections for the school.

### 4.2. Objectives:

#### 1. Manpower 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.

## 6. PROPOSED METHODOLOGY:

The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

1. Manage large number of student details.
2. Manage all details of student who registered.
3. Create student accounts and maintain the data effectively.
4. View all the details of the students.

5. Reduce the work load in interview the students for selection.
6. Activities like updating, modification, deletion of records should be easier.
7. Tracking the fees structure (paid, unpaid, concession).
8. Generating and Storing reports.

#### **7. IMPLEMENTATION:**

In the beginning we first focused on the designing part of the website. How our website is going to look, how the colour combination is, the content we are going to add in our website. We have used the bootstrap properties in our website so it is an responsive website. The website is developed with the use of languages such as Asp.Net, Bootstrap, C#, CSS, JavaScript, MySQL. After that we move towards the admission enquiry module in this the user/student can post the admission enquiry from our website and after posting the enquiry the user get the unique username and password. With that login credentials the user can see their information in the student profile. The student profile page contains student information like fees, results, worksheets, lesson plan and timetable of the student. With the help of the student profile page the students can get the proper information about them. After that we move towards the admin login. The admin get the proper login credentials for them. The admin page consist the details information about the admin who is login. The admin have the authority to update worksheets, timetables, lesson plan. After that the super admin takes place here. The super admin have the all the authorities that a admin have. Super admin also have the special right to remove an existing admin and add a new admin in the list. This portal also generates reports and also focuses on the fees management system.

#### **8. 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, GeeksforGeeks, Javatpoint, Tutorialspoint, Youtube, . To make this system responsive Bootstrap 5.0 was used. Various others websites and books were also referred for this.

#### **9. FUTURE SCOPE:**

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

#### **10. DESIGNING & TECHNOLOGIES:**

The technologies that are used for creating this system are

1. ASP.NET Framework 4.3.
2. Bootstrap 5.0.
3. Javascript.
4. MSQ R-2008.

#### **11. CONCLUSION:**

The **SCHOOL WEBSITE AND STUDENT MANAGEMENT SYSTEM** will provide the complete information about the school. It 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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