

“GHALIAIN PUBLIC SECONDARY SCHOOL INFORMATION MANAGEMENT SYSTEM”

Introduction:

The “GHALIAIN PBLIC SECONDARY SCHOOL” was established in 2000 that located near Bahawalpur Bypass Multan. It play the best known role in education for Students.

When it was established, its strength was smaller but with the passage of time, due to Quality and the best educational system ,Students strength increased day by day .So by increasing the students strength, Managment feeling difficulty to manage all record in manual ways.

As Principal have been using management information systems as in manual way, that is time consuming and difficult as compare to the computerized management system.

But now students strength is near about 1000, Principal wants to make use of information systems in the gradually-increasing daily management staffs.

What the reasons :Generally speaking, the reasons to use information systems can be stated as increasing effectiveness at work by processing information, increasing managerial effectiveness by meeting the need for information and gaining superiority in competitions by directing strategies.

Why to use it : Secondary school management system has to handle records for many number of students and maintenance was difficult. Secondary school management system has to handle records for much number of students and maintenance was difficult .Through it has used an information system, it was totally manual.

Being at the beginning stage of the School Management Information Systems, computerization of the school management is the basic subject of today’s school management.

How to automate school management system:

This project work automates school management system.

The title of the project is “GHALIAIN SECONDARY SCHOOL MANAGEMENT SYSTEM”. This project will handle main activities of the school.

This project has most of the facilities that a modern school requires to computerize its day-to-day jobs. It provides facilities to keep the records of student, fees, teaching and non-teaching staff with all their required details along with all required record. It has facilities to generate various types of reports, which are required by the management during normal business operations to operate the business effectively.

This project is comes under the Relational Database Management System (RDBMS). This application is developed with the help of C# language and works as Desktop Application.

This project is developed using the tools, which are most suited for development of the Desktop Application. These tools are as follows:

- Visual studio (For front end)
- SQL SERVER (For Database Storage as Back end)

BASIC PLAN:

Students Information: Manage All Students Information

Branches Information: Manage All Branch Information

Staff Information: Manage All Staff Information

Results: Shown Result about Student Information

Reports: Printing Reports Information

BASIC MODULES PLAN USED IN THE PROJECT

This project includes the following modules for development of the project. These are as follows:

1. SPLASH FORM

This is a first form that displays the welcome screen for the user and also shows the information of developer or version etc.

2. LOGIN FORM

This form shows the Login name and password when user enter a valid user name and password then he/she can operate the application.

3. MAIN FORM

This form is a menu-based form that displays the menu for operation of the application. It includes various options for staff, student, fees and report related option.

4. STUDENT FORM

This form provides the option to add, modify, delete or find the information of a student who seeks the admission in the school.

5. STAFF FORM

This forms provides the option to add, delete, search and delete the information of staff (either teaching or non-teaching) that is working in the school.

6. BRANCHES FORM

This form provides the option to the user of the system to add, delete, modify and search the information of the new branch.

7. RESULT FORM

This form displays the options for the user to add, delete and modify the details of student related to the marks.

8. REPORT FORM

With the help of this option from menu user of the system can see or take the print out of various reports provided by the system.

9. GOODBYE FORM

This form is activating when user select the exit option from menu or close the application. This form shows the good-bye message to the user and also say thanks to the user for using this application .

PROBLEM DEFINATION:

Problem Statements:

Secondary school management system has to handle records for many number of students and maintenance was difficult .Through it has used an information system ,it was totally manual. Hence There is a need to upgrade the system with a computer based information system.

As To help promote students achievement and success, schools must have access to complete, accurate, and timely information about students.

One of the benefits of automated SMS is that the student record system will simplify retrieval of required information and is a great instrument for school improvement by taking measures from the information acquired.

Teachers may want to associate a student with his parent or emergency persons for disciplinary measures which need searching of the students record in the record office. It has been difficult to search a record from thousands of such records and observed that students can take any person claiming that he/she is their parent or emergency person which creates problem in control of students.

Project Scope:

Scope of work Project will **cover all areas** related to Education institution especially school. The scope of school management is very vast. It includes everything regarding the efficient functioning of the educational institution, securing the greatest benefit to the greatest number through an adoption of practical measures. It interprets and clarifies the functions and the activities of an educational program in fruitful relationships their mutual action. It ensures sound planning, good direction and efficient and systematic execution.

Today In this competitive world every work has been computerized .The manual way of working has become very hectic, time consuming as well as difficult. So it opportunity for me to make a system of “Secondary School Management System” Computerized I made use of it.

The scope of school management covers the following:

- Details of student information
- Date wise detail of students based on date of admission
- Manage Student Information
- Manage Student Timing information
- Details of Branches information
- Manage Branches information
- Details of Staff information
- Manage Staff information
- Manage Reports Of All Information

OBJECTIVE:

The general and specific objectives of the project are described below:

General Objective:

The general objective of the project is to automate the SMS.

Specific Objectives:

In order to attain the general objective, the following list of specific objectives is set:

- To develop an offline registration system,
- To facilitate Admission record keeping,
- To facilitate about Students record keeping,
- To facilitate Staff record keeping,
- To facilitate various report generation,
- To allow teachers, parents, school community and Education officials to view reports on students,
- To produce a timetable

In other words we can say that our project has the following objectives:-

- Make all the system computerize
- Reduce time consumption
- Reduce error scope
- All system managements are automated
- Centralized database management
- Easy operations for operator of the system
- No paper work requirement