Primary School Management System

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Department of Computer Science & Engineering

Bangabandhu Sheikh Mujibur Rahman Science and Technology University

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(This project is submitted in the partial fulfillment of the requirement for the project of "Third Year Second Semester" in Computer Science & Engineering)

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The project titled "**Primary School Management System**" submitted by Student ID: 20141201022 Session: 2014-2015 has been accepted as satisfactory in partial fulfillment of the requirement for the project of "Third Year Second Semester" in Computer Science and Engineering in Bangabandhu Sheikh Mujibur Rahman Science and Technology University.

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STATEMENT OF ORIGINITY

It is hereby declared that the contains of this project is original and any part it has not been submitted elsewhere for the award if any degree or diploma.

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Signature of the Supervisor   Signature of the Candidate

Date: Date:

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Acknowledgement

In this very special moment, first and foremost I would like to express my heartiest gratitude to the almighty God for allowing me to study in B. Sc Engineering. I am really thankful for the enormous blessings that the Almighty has bestowed upon me not only during my study period but also throughout my life.

In achieving the gigantic goal, I have gone through the interactions with and help from other people, and would like to extend my deepest appreciation to those who have contributed to this dissertation itself in an essential way. Specially I thank to my project supervisor to give me the permission and useful instructions for this.

I would like to express my heartfelt thanks to all of you for being with me with immense support and care and to make this work success.

Md. Tahmid Hasan

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Abstract

As the "Primary School Management System" is a maintenance system of a primary school, it can do all important task related to this. This will store all the information about teachers. It can store and process the result. It will save the data of students and their family contact no. Class schedule maintaining is one of the important task of a school. This can help to make a proper class schedule. The updating of any information can be done easily. It also keeps the other important notice and documents. This software will reduce the pressure of teacher and give them the opportunity to do best teaching to the students. This will replace all the analog documentation. The best security and backup system will give the surety of no data lost.

Key words: teacher, admission, students, result, registration, promote.

Chapter 1

Introduction and Overview

1.1 Introduction

The "**Primary School Management System**" is developed for the primary school. It is a computer software. It is the digital system to maintain the management system of a primary school. The analog system is pen and paper system. It is the most irritating thing to write down all the information of a student. The result processing system is so much painful for a person. If any mistake is done, the whole thing needs to write again. The digital software system is developed to help the people. It reduces the pressure of work, calculates accurately, does the work quickly. This system can easily find the desired information, can update that, can include new information also. In this computers world, we can speed up our work by taking the help of technology.

1.2 Objectives

- ➢ To reduce the pressure of teachers
- ➢ To save the time of teachers
- ➢ To improve accuracy of result processing
- ➢ Easily and quickly do the task
- ➢ To keep all the data and information safe
- ➢ Monitoring the system easily

1.3 Overview

"**Primary School Management System**" is a simple and lite software. It is small in size. But it works so good. Almost all operation of a school can be managed by this software. It works with hundred percent accuracy. It makes the authority relaxed by doing all works sincerely. This can improve the ability of a teacher by reducing operational task.

The user interface is designed attractively so that it never makes the operator bored.

Chapter 2

Literature Review

2.1 Literature Review

There are so many softwares about management system. But a few software is developed for the purpose of Primary School. The softwares are doing the educational tasks. Some are only doing the result processing task, some are for information keeping. They are not concerned about the managing committee and about the school. Some softwares are so costly that are out of the bound of school authority. That's why I developed this software to do all the task with faith.

Chapter 3

Proposed System

3.1 Proposed System

This software will show the about of school, teachers list and committee members list to the visitors without logged in, but nothing more. If one wants to do the internal task, he must have to log in. At first a head teacher should register and then only he can register other teachers. The teachers and head teacher can admit students. They can input the result and process the result. They can view the information of them and the students..

Chapter 4

Implementation

4.1 Registration

The software will automatically detect whether a head teacher is registered or not. If not it don't show the log in option. When the head teacher is registered the log in section will be shown. The head teacher can only register the other teachers. The head teacher can only delete teachers profile. He can edit his profile but not others. Other teachers can edit their profile but cant delete profile.

4.2 Result Processing

Teachers can view and update the results. The result has half-yearly and yearly result part. When the promote button is clicked it will check the yearly result and process them. It will automatically calculate the pass and fail result and migrate the passed students to the next class with merit position.

4.3 MySQL Database

MySQL database is used in this software. Here I used XAMPP software for creating local hosting. In my software I used total six table to store students, teachers information, results etc.

Chapter 5

Features and Discussion

5.1 Features

The home page, which will appear firstly when the application has been opened, has some buttons that will forward user to next layout.
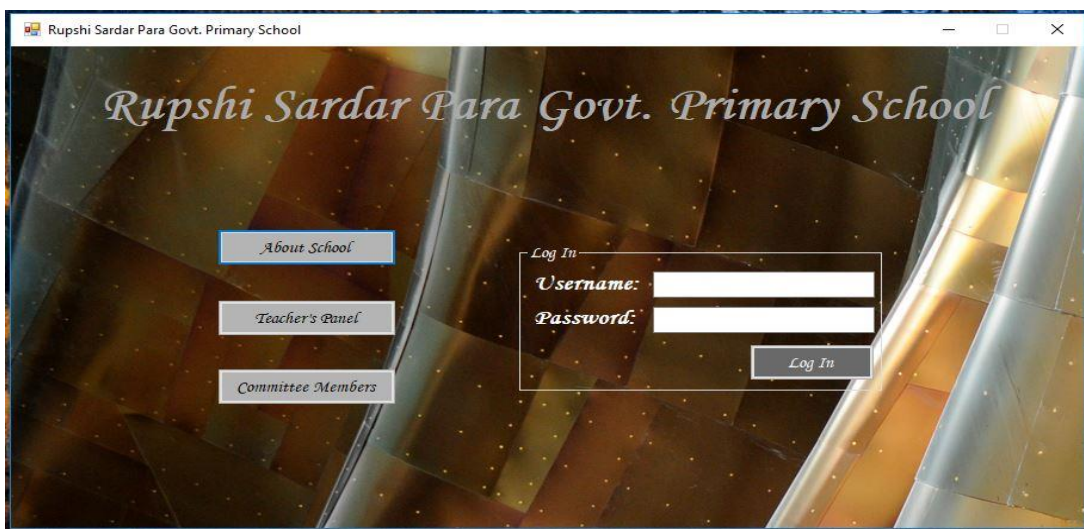

Figure-5.1: Home Page

This is after logged in

Figure-5.2: Home Page 2

This is teachers profile page.

Figure-5.3: Teachers Profile

Students Admission page

Figure-5.4: Admission Layout

This is result window

Figure-5.5: Result Window

5.2 Discussion

My application is not the worst one because I tried to make different and creative something. I apply my all knowledge to develop this. This will help teachers to develop themselves but not the only way to learn and develop. It is not the best. But I tried my best. This is my first desktop based application. There are so many scope to improve this and I still working for this.

Chapter 6

Conclusion and Future Scope

6.1 Conclusion

As this is my first desktop based application I have some limitations. I hope this will help the teachers to develop their knowledge and thinking power by saving time. This is my new experience. Using this experience, I want to go long for new projects and develop more useful applications.

6.2 Future Scope

This application is for teachers only and this my first management system application. This may have some bugs. So my future plan about this application is:

- ➢ Solve the bugs

- ➢ Add more features

- ➢ Add more controlling levels

- ➢ Add communication system

- ➢ Add simple file hosting system to make more attractive and interesting

- ➢ Develop more helpful softwares for all ages of people