



North South University

Department of Electrical and Computer Engineering

Project Proposal

School Management System

CSE311 - Database System Lab

Section: 03

Semester: Summer 2021

Faculty: Ahmed Fahmin

Lab instructor: Nazmul Alam Dipto

Submitted by:

Md. Mashruf Ehsan - 1831253642

Lamia Munira - 2013898642

Introduction

School management is an important task for the administrators. But for school containing more than 50 students it's quite impossible to store the information of the teachers and students efficiently through stacks of papers. It is also impossible to make small changes, ensure security of the information or to get easy access of the information. That's why in our web application an administrator can easily save the information of teacher, student. Here in the website the administrator can update, save information, keep track of everything and maintain the security of the information easily.

Objective

- The information of the students, teachers can be managed easily by the administration efficiently.
- The students and their guardians can see the student's grades, class routine, attendance report, school notices.
- The teachers can easily give grades, attendance to the students, see their progress.
- The students can also contact their teachers if they need help.

Target Customers

1. School:

- Administrators: the admins can easily keep the information of the teachers, students.
- Students: the students can see their grades, information, routine, attendance.
- Teachers: the teachers can give students grades, get routine etc.

2. University: the website can be used in university level with some changes.

Value Proposition

The website will help to increase efficiency and reduce the dependency on papers by easily saving the information in the database. The school can also give their notices on the website, manage the student, teacher information easily which is why security of the information will increase, updating them will become a matter of minutes.

Web Application Feature and description

The web page will open with a general view and anyone accessing the domain will be able to view it. Here all the school notices, admission notices, achievements of school will be seen. At the top left/right corner of a vertical tab there will be a log in button. From where a student or a teacher with their ID and password to log in to their profile. Initially an account is created by the admins and they also set their ID, password, the password can be later changed by the user.

A student can:

- See their attendance
- Class and school wise notices
- Class notice and routine
- Their grade
- Can get the email of the teacher

A teacher can:

- Take attendance of their assigned class
- See their class routine and also of class wise (like routine of class 1/2)
- Grade the students
- Get the contact information of the students
- Can see and also give (of their assigned class) the notices

Tools and Resources

- HTML
- JavaScript
- MySQL
- PHP
- CSS
- Web server

Challenges

The administrators need to make sure to give the appropriate permission to fixed type of users. The cost is also an important factor as there may be image files of the users and need a lot of memory for saving so many information of the users. UI need to be simple and easy so that normal people can also use it easily.