North South University

Department of Electrical & Computer Engineering

Project Proposal and Requirement Analysis

Course Code: CSE311

Course Title: Database Management System

Section: 7

project Name:

School Management System Project

Submitted by Group Number: 06

Group members:

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School Management System Project

The main objective for developing this project is to help an institute to manage their students, teachers, and other staff's information and their records.

In this project, there will be a login page for the admin, and only the admin can see and customize all of the information about this institute. The admin would log in first. After that, the homepage will arrive and in this dashboard, there will be some options like student's record, teacher's record, and latest news. At the top, there will be some menus like home, manage students, manage teachers, manage results, manage fees, logout, etc. The home menu will take the user to the dashboard page. In the manage student menu, there will be options like add students, edit students' information, search students, delete students, and print student lists, etc. Also, there will be the same for the manage teacher option, manage results, and manage fees options. That means there will be multiple option in each menu.

Using this project, the institute can easily hold its data, and the managing system will be easier than hand record.

Project: School Management System Project

Admin login page:

There will be two input boxes for the user. One box is for email, and another one is for passwords. The user has to log in first to go to the home page.

Admin Home:

The admin's dashboard is shown here. This contains Student's Record, Teacher's Record, and the latest news. Also there will be have a drop-down menu. It contains functions to manage students, manage teachers, manage results, generate certificates, manage fees, and log out.

Manage Students:

In this section admin can add student, edit student, search student, delete student, print student list

Add student:
Fill a form full details of a student., (First name, Last name, mother name, Father Name, date of birth, gender etc.)

Edit student:
Admin can change/edit the student details.

Search student:

Admin can search for the required student by their name or id.

Delete student:

Admin can delete a student's details.

Print student list:

Students list can be download from here.

Manage Teachers:

In this section admin can add teacher, edit teacher, search teacher, delete teacher same as manage students.

Add teacher:
Fill a form full details of a student., (First name, Last name, Date of birth, Gender, Email, Mobile number, Subject, Status etc.)

Edit teacher:
Admin can change/edit the teacher details.

Search teacher:

Admin can search for the required teacher by their name or id.

Delete teacher:

Admin can delete a teacher's details.

Print teacher list:

Teachers list can be download from here.

Manage result:

Add result:
With this option, the admin can add results for each semester by using the student's id number.

Search result:
The User can search any student's result by using their id number. Their marks will be shown on this page.

Delete result:
With this option, the admin can delete the results of a student by using the student's id number.

Print result:

All student's results will be displayed here by using this option and can be printed out.

Generate Certificate:

The admin can generate a certificate for a student by their roll number and also download or print the result from there.

Manage fees:

In this section it contains pay fee, who has paid who hasn't paid.

Pay fee:

Those students who have completed their payment user can add in the "who has paid?" option by using their id number.

Who has paid:

Those students who have completed their payment user can see their detailed information in this section.
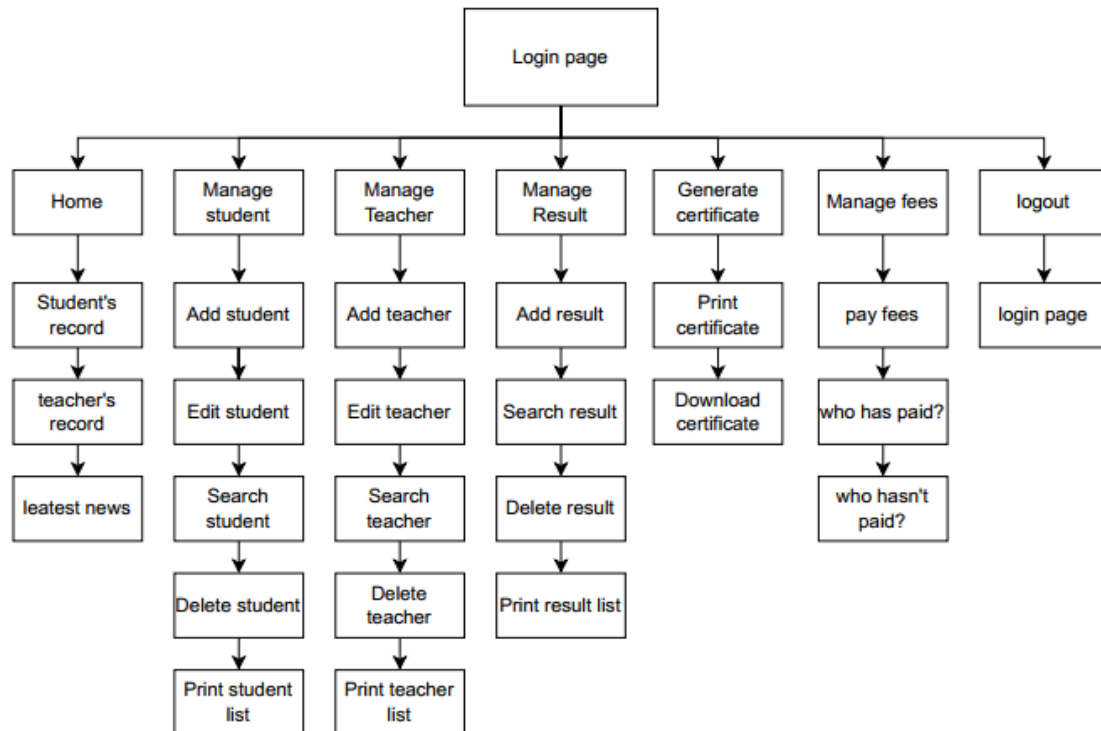
Who hasn't paid:

Those students who have not completed their payment user can see their detailed information in this section.

Logout:

At the end there is a log out option. User can log out by using this option.

Site map:

Gantt Chart:

Work	Estimated Time
1. Front end learning and work	15-20 days
2. Back end learning and work	20-25 days
3. Presentation work	5 days

Git Link: https://github.com/SheaikhNazib/CSE311-Project---School-Management-System-Project.git