



JAVA PROJECT

SCHOOL MANAGEMENT SYSTEM

TEAM MEMBERS

Farhat Bin Munsur	24-56328-1
Mohammed Nafiz Sorwar	23-50398-1
Md. Tanver Ahmed	24-56318-1
Sarjil Hasnain	24-56337-1
Ibtiker Azam	24-56426-1

Supervised by

Md. Khairul Alam Mazumder Sir

School Management System

Users:

- 1.Admin/Headteacher
- 2.Teachers/Employees
- 3.Students

Common functionality (for every user):

- 1.sign up, log in
- 2.change password, update personal information.
- 2.view(read) user data/profile
- 3.view notice

Admin can :

- 1.create students profile.
- 2.Delete students any data.
- 3.create employee profile.
- 4.Delete employees any data.
- 5.Create,view,update,delete, and assign classes or sections(6A,9B,10A) and schedules.
6. Manage classes, students, and academic records.
- 7.Assign students and teachers to specific classes .
- 8.Assign subjects to classes/sections and link them with teachers.
- 9.manage students tuition fees.
- 10.make announcement/notice.

Teachers can :

- 1.view assigned classes and sections.
- 2.Access the list of students of assign classes and sections.
- 3.Access the students profile.
4. Enter grades, attendance for students after exams.
- 5.View student grades, attendance, and progress.
- 6.upload and update syllabus of specific subject.

Students can :

- 1.view personal detail.
- 2.view assigned class.
- 3.view grades, attendance.
- 4.view subject specified syllabus.
- 5.check tuition fee.
- 6.view information of specific teacher.

System Entities :

- 1.User(userID,userName,age,email,phoneNumber,role<student,teacher,admin>, securityAns, Password)
 - 2.Student(rollNo(ID), dateOfBirth, sectionID(section),gradeID, address)
 - 3.Teacher(teacherID, subjectSpecialization ,salary)
 - 4.Admin()
 - 5.Subject(subjectID(subjectCode), subjectName, studentID, teacherID)
 - 6.Section(sectionID , teacherID, studentCount)
 - 7.Grade(gradeID(grade value) , studentID, subjectID)
- **Admin,Teacher,Student will inherit User class.**

ER Diagram :

