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| **Group-ID** | **Student Registration Number** | |
| G37 | 2020-Cs-124 | 2020-Cs-123 |
| **Project Title (Max. one line title)** | | |
| **School Management Project** | | |
| **Project Description (Min. 600 words)** | | |
| The School Management System in Java is an application developed for schools. It is an application developed in Java which is used to store all the school-related records. It stores information related to students, staff, and teachers. The objective of developing such a system was to reduce the errors that creep in the manual system where it was very difficult to store the records. It also provides the facility to calculate the attendance of the student. There are three types of login for this system the administrator, student, teacher login. The whole system is handled by the administrator who has all the rights to edit or modify any school member information. The student can view the details by logging with their details. This system was developed to provide a secure, easy to use a reliable system. This was created to handle all the school-related information and save it in records. This is a simple java project with good and interactive looking GUI. School Management project Objective  * Objective To create a GUI application form to manage the school. * Track the record of every student and faculty. * A centralized system to catch all the details of every student and faculty. * Track record of every financial detail of the school. * Generate online mark sheets of the students.   **Domain Classes:**  User  Login  Student  Marks  Subject  Class  Examination  Professors  Result  Fees  Logout  **User**   * Admin can manage Other actors like Students, and Faculty. * Admin can track and update all the activities performed by the User in the application. * Admin can track and update all the activities performed by the Faculty in the application. * Admin can track and update all the activities performed by Students in the application. * Admin can Manage and updates all the classes, subject details and the mark sheets of the student.   **Faculty**   * Faculty can check the Marks and Marks sheet details of all the students. * The faculty can manage the attendance of the student. * Faculty can Manage the subject details according to the Classes.  Student **Students**can check his fees details paid or pending, mark sheets according to the class, attendance details and merit list of the school students.  **Domain Classes Contain:**  User: It contains name, Phone No, Address, Username, Password and User type to save, edit, delete, clear and close the user.  Login: It contains Username, Password and User type (Admin or a Teacher) to login or cancel.  Marks: It contains student name, student No, Class, Subjects, Marks and Terms to save, delete, clear and close.  Class: It requires class item or section to save, delete, close and clear the student in class.  Subject: To save, delete, clear and close the subjects in which we add in our course of Student.  Examination: It requires Exam Id, Exam name, Term, Date, Class, Section and Subject to save, delete, clear and close the exam.  Professor: It contains the Name, Qualification, Salary, Phone No, Email and Address to save, delete, clear and close the professor class.  Fees: It contains Admission fees, Monthly fees, Extracirculum fees and Game fees.  Logout: It contains Username, Password and User type (Admin or a Teacher) to logout or cancel.  Result: It require Student Id, Course code, first name, Surname, Exam No, Gender, DOB and Address to result, Transcript, Print, Reset and Exit.  **School Management System Modules**   * **Registration module**: In this module, the users of the system have to register themselves with all their personal details and after that, they can log in to the system * **Login module:** This module page allows different types of login details for student, admin, teacher, and staff. * **Add module:** This allows to add new users to the system. * **Save module:** This allows to save the records. * **Delete module:** It deleted the student records. * **View profile module:** This module displays information according to the type of user. The admin can view all the details while the other users can only view their own details. | | |