

Pre-submission report for Student Attendance Calculator

Introduction:

The Student Attendance Calculator is an application that will help the students to calculate their attendance in each course and the aggregate attendance based on the number of lectures delivered till that week and the number of lectures the student has missed in a particular course. This application will help the student to have a check on his attendance for each course to avoid detention from the final exams.

Modules:

Login/ Authentication:

The Login module will provide secure login functionality for students to access the application. Only authorized students can access the system.

Insert Details of Student:

The insert module allows the students to enter their personal details, such as name, roll number, email id, and mobile number. The students can also enter their course details, such as course name, course code, and course instructor details.

Display All Details:

The display module allows the students to view all their attendance details, including course-wise attendance, total lectures delivered till that week, and the number of lectures missed.

Search Specific Information:

The search module allows the students to search for specific attendance details based on various parameters, such as course name, course code, and instructor name.

Delete/Modify Any Student Detail:

The delete/modify module allows the students to delete or modify their attendance details stored in the system. Students can delete or modify their attendance details if they find any discrepancies.

Additional Features:

Attendance Calculator:

The attendance calculator will calculate the aggregate attendance percentage based on the number of lectures delivered till that week and the number of lectures the student has missed in a particular course.

Attendance Alerts:

The attendance alerts will notify the students if their attendance percentage falls below the minimum required attendance percentage.

Data Management:

The system will store all the attendance details in a secure database. The data will be managed using advanced data validation techniques to ensure accuracy and consistency.

User Interface:

The user interface will be designed to be user-friendly and easy to navigate. The interface will allow students to perform tasks quickly and efficiently.

Conclusion:

The Student Attendance Calculator will provide a comprehensive solution for students to manage their attendance details. The system will be designed to be user-friendly and easy to use, while providing advanced functionality for managing attendance details.