STUDENT MANAGEMENT SYSTEM

PROJECT OVERVIEW

The Student Management System is designed to offer an organized and efficient platform for managing student information and academic records. It eliminates the need for manual record-keeping, which is often prone to errors, data loss, and is time-consuming—especially when it comes to recording grades individually.

This system is particularly beneficial for professors who are responsible for managing large groups of students across multiple classes. It allows them to easily access student names, input grades, exams and quizzes. Moreover, it improves communication between faculty and administration by ensuring that records are consistently updated and readily available. Ultimately, the Student Management System promotes better organization, increased efficiency, and a more effective academic environment.

FEATURES IMPLEMENTED

The system includes several helpful features to make it easier to use. One of the main features is Student Information Management, where you can see a list of students along with action buttons to view their full details and the subjects they are enrolled in. You can also edit a student's information if there are changes needed, such as updating names, contact details, or other personal data. If a student has dropped out or graduated, there is a delete button to remove their record from the system.

When you view a student's subjects, you have the option to add quizzes, exams, and activities, and you can input their grades directly for each one. This helps keep all academic records organized in one place. The system also allows users to add new subjects, which makes it easy to keep the curriculum updated whenever needed. These features are designed to help manage students and their records more easily and efficiently.

TECHNOLOGIES USED

The system was created using several common web development tools to make it easy to use, good-looking. HTML5 is used to build the structure of each page, showing the content and layout of the website. CSS is used to style the pages by adding colors, fonts, and spacing, helping the website look more organized and pleasant to use. Bootstrap is also used in the system. It is a helpful tool that provides ready-made design elements like buttons and forms.

For the backend of the system, Python Django is used. Django is a web framework that helps manage how the system works, such as saving and updating student information in the database and making sure everything runs smoothly. These technologies work together to build a system that helps users manage student records easily and efficiently.

PARTNER CONTRIBUTIONS

We divided the work to be more efficient. Estira worked on the subjects and grades, while Quioyo handled the student management part of the system.

General Requirements:

GITHUB link: https://github.com/dennielestira/project-Estira-Quioyo.git

WEBSITE link: https://project-estira-quioyo.onrender.com

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