EduPuse: A Student Management System

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Project Overview

This system was created to facilitate a teacher's task, which used to rely on Class Records on paper that often gets damaged or lost; now it can be found online, making it convenient for admins. This system was designed solely for admins and cannot be used by users or students. Here in this system, the recording of student credentials and the computation of their grades will be expedited.

Features Implemented

Student Profile Management
- Create - This feature you can create a data of each student
- Read- View student profiles individually in a List View and Detail View
- Update - Edit student information
- Delete - Delete a student in database

Course Enrollment
- Enroll - enroll student into courses
- Unenroll - drop the subject
- Change course

Grades Management
- Auto compute- once you submit all your tasks it will display your average grade.
- .Search - you can search a student name and it will display all that data.

Technologies used

Front end
- **HTML** - uses for structured of Website
- **CSS** - use for a plain design of the Website
- **JavaScript** - a programming language for adding the functions of system

Backend
- **Python** - a programming language used for Django Framework
- **Django** - a framework that helps for implementing a backend
- **Django RestFramework** - a RESTful API built in by Django for communicating the frontend and the backend

Database
- **SQLite -** a django built in database

Version Control
- **Github/Git**

Deployment
- **Render** - for web hosting

Tool/Environment
- **Visual Studio Code**
- **CMD**

Partners Contributions

Ticoy, Patrick R.

- Focus on front end and back end
- Setting up and managing SQLite DB
- Handling an error and focuses on debugging of Django framework
- Design and Adjusting the Simple UI Web
- Added the User Authentication and some features like search and etc.
- Documentation

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- Deploy a web project
- Built a Django RestFramework API
- Test a Website and give a feedback for improving the web system
- Design a model for a SQLite DB
- Helps some functionality of the backend
- Built a layout from to help the the front end developer