**Overall project report (SSIP)**

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1. **Project overview:**

* This project was made due to the request by the professor of the class “Database System”. Which is said to make a website of any kind that implements the use of SQL. In this case, we used MySQL, and PHP as our coding language. (We later changed the MySQL query formats into PostgreSQL due to the professor’s comments in the original project file).
* Because of that, we have decided to make an ‘Exam Tracker’, which lets students access their scores as well as know when and where are their upcoming exams. As for teachers, they are able to access, modify, and change the exams’ details. This includes the scores, the place where the exam is held as well as the time.

1. **Website’s details:**

* Upon opening the website, the user is presented with an UI, which prompts the user to Log in or Register as a new user. Because of testing purposes, the user can change what role they want to register as (eg. Student, Teacher and Admin), with each user having unique functions.
* Students:

/ As students, the user are able to see which exams are going to be held as well as gain access and see details to their past exams as well. Moreover, they can be notified whenever an exam is less than 3 days away, just as a good measure. And of course, they are able to enroll in whichever subject that they wish to enroll. Only by then can they take part in the exams that was made for them.

* Teachers:

/ Teachers, as mentioned before, are able to access, modify, and do whatever they want with the exams’ details. The modifications include making a new exam, changing its details (date, time, place), and inputting scores as well as leaving feedbacks to the students who have taken that exam. The clean UI also helps the teachers with poor eyesight navigate the website easy peasy (got to be inclusive here)

* Admin:

/ Admins are the most powerful(?) role. They can modify almost everything. This includes making a new course for students to enroll, as well as modifying them. They can also change a user’s detail. This includes their username, password, and email. Moreover, they can make a new user with those credentials. And of course, they can delete whichever courses or users that they want, so we got to be careful here (xixixixixi).

* All users:

/ All users are able to access their profile and dashboard, which contains various information. The dashboard content are limited base on what the user’s role are, and the profile lets them change their account’s information. This includes their credentials that they have used to register with. They can also change their password, because well, why can’t they?

1. **Noticable features:**

* By clicking on the Sun and Moon icons, the users are able to change the website’s theme. The changes that can be made is to change the Light theme (default) to the dark theme, and vice versa. This SIGNIFICANTLY improves user ratings, bringing a 5/5 to 10/5 (two anonymous user’s opinion). Beside from that, there are nothing that’s fun to talk about.

1. **Resources used:**

* To make this project possible, we used a text editor that is called Visual Code Studio, as well as MySQL to make the database. The language we used includes CSS, HTML, PHP, and well, SQL queries(?).
* Please note that there were some places in which we have used ChatGPT to help us with, and please don’t worry that we didn’t gain anything from it because we studied our ass off for the presentation that is cancelled for this report I am writing at the moment.