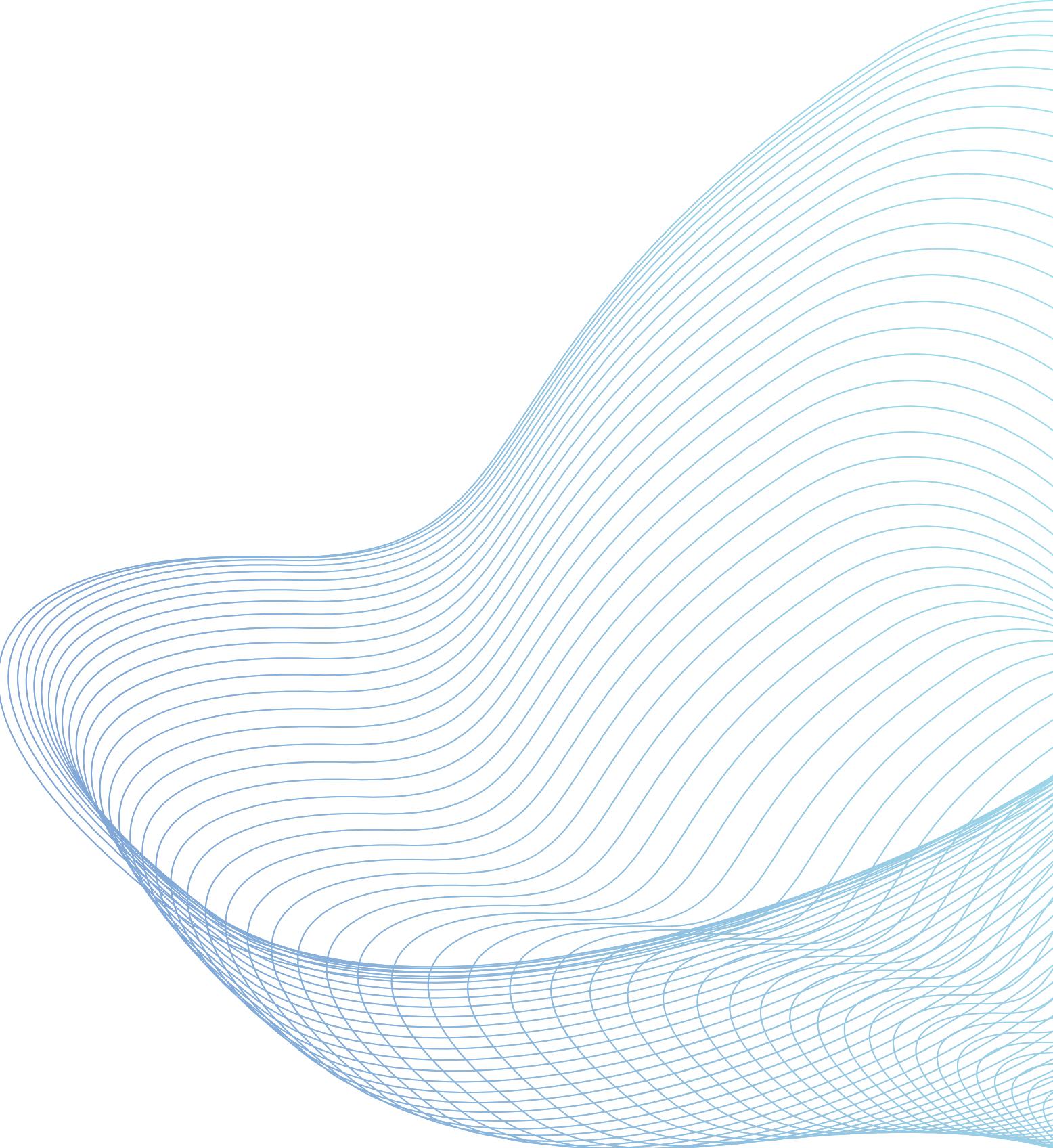




PRACTICUM PROGRESS



OVERVIEW

On May 6, 2024, we started our On-the Job Training at DepEd Santa Rosa. We are designated in the Planning and Research Section were in our assigned primary task is Data Collection, Data Generation, Data Validation, Data Analysis, and the development of the Project Website.



PRIMARY TASK

Our assigned specific tasks that are in relation to Data Collection, Generation, Validation, and Analysis are School Profiling, Enrollees Forecasting, Teacher Data Validation. These are the tasks that our was introduced to us and was accomplished by my co-interns and I.

1.)

Profiling of various Public School Data in Santa Rosa City, and Forcasting of Enrolles for the year 2024-2026.

2.)

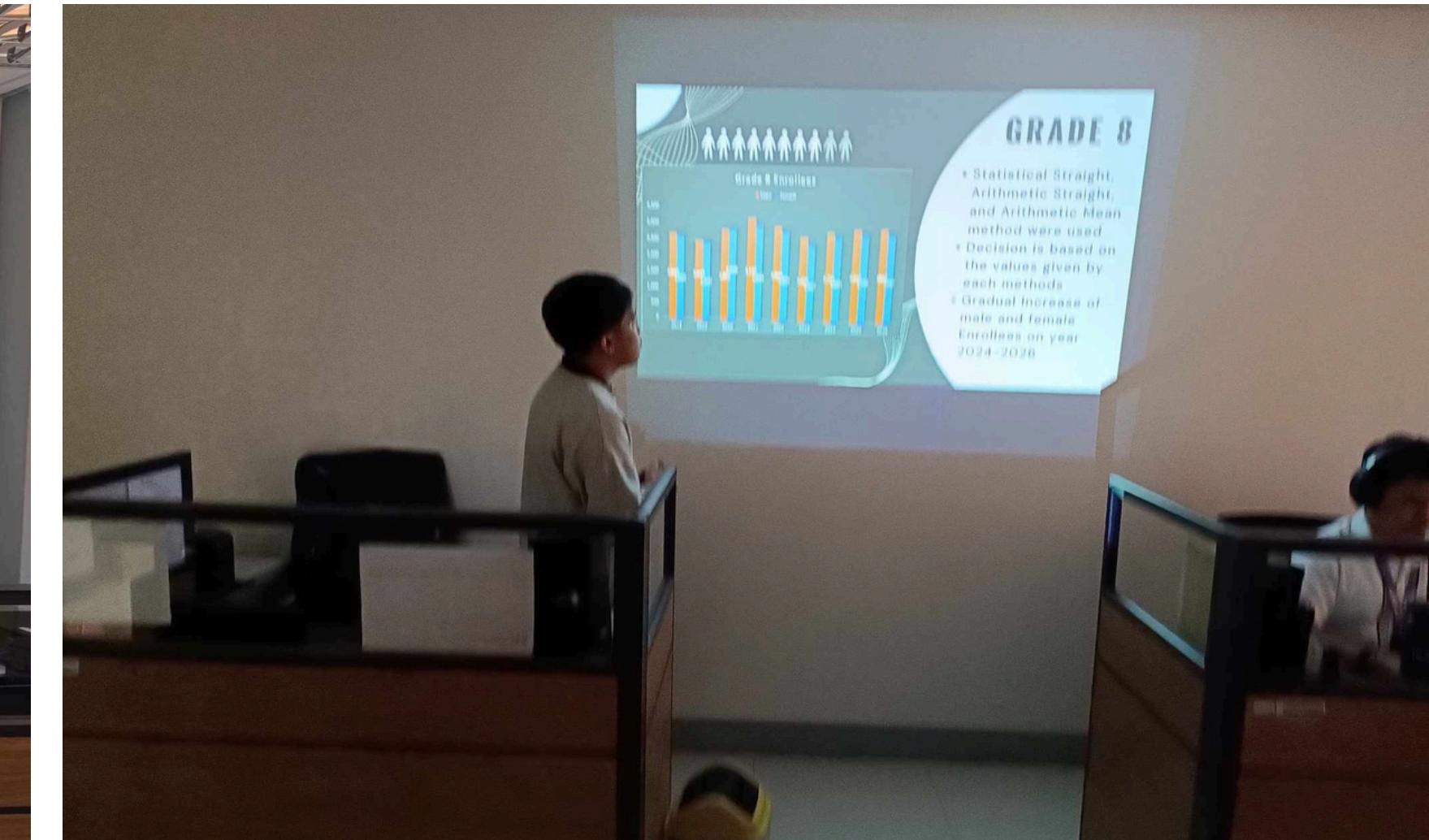
Validation of Student data, ensuring that data of the student and their academic grades corresponds from all of their forms.

3.)

Validation of Teacher subject assignment from numerous public and private school in Santa Rosa City.

FORECASTING PRESENTATION

After Forecasting the Enrollees for the School Year 2024 - 2026, each one of us presented our assigned Grade Levels to Forecast. Here are some of the photos from our Presentation.



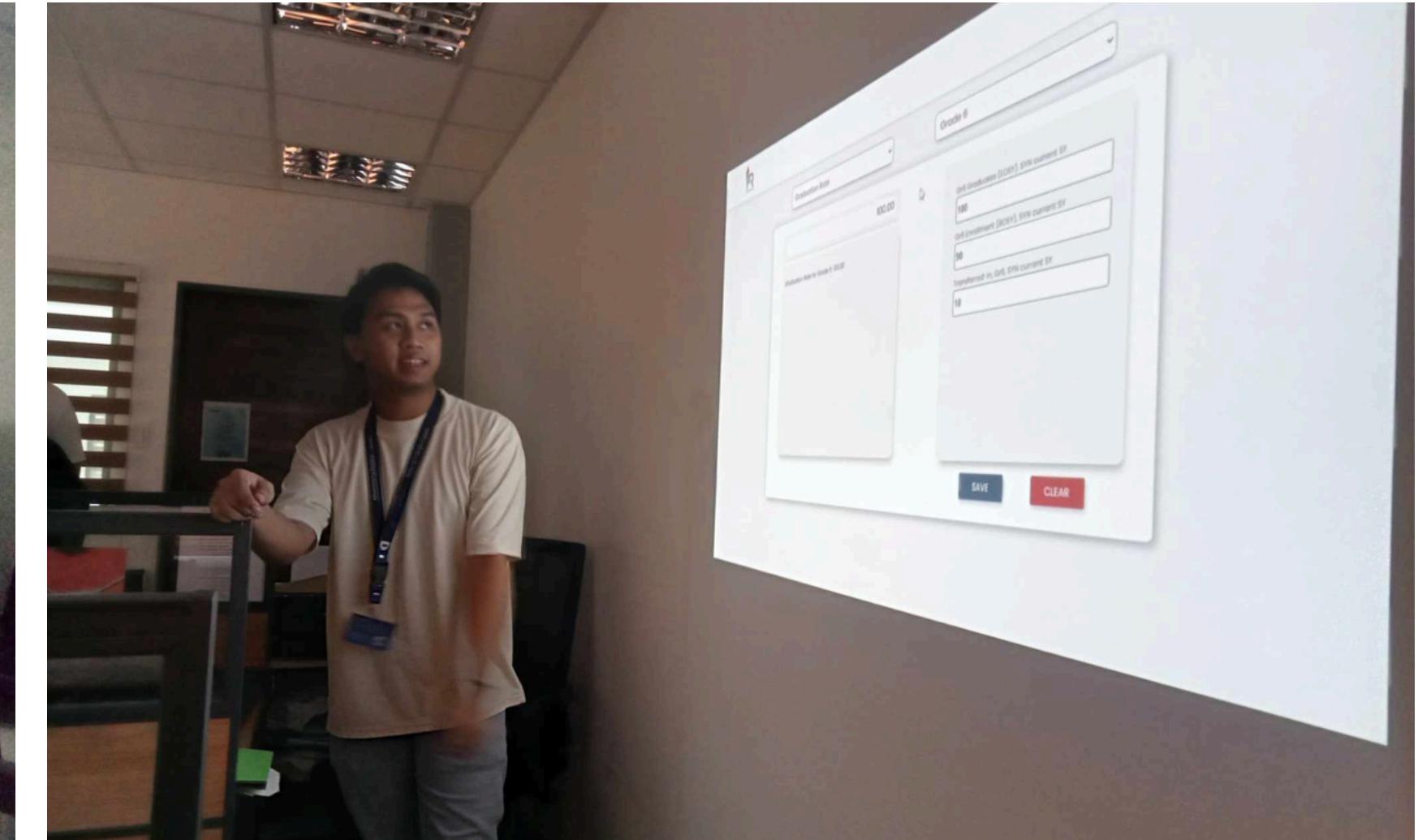
PROJECT WEBSITE

After our data validation and forecasting tasks, we started the development of the Project Website that was assigned to us by our supervisor. The Project Website is a Performance Indicator Calculation System. It calculates various performance indicators of different grade levels such as gross enrollment rate, dropout rate, etc.

The image shows a wireframe representation of a web application interface. At the top right is a navigation bar with three items: [HOME](#), [ABOUT](#), and [GUIDE](#). Below the navigation bar is a logo consisting of a stylized red and blue 'M' shape above the text "LOREM IPSUM" and "your company slogan". The main content area features a card with two buttons: "Promotion Rate" and "Elementary (Grade 1 - 5)". To the right of this card is a larger form titled "Enrollment, Gr 1-5, SYN" containing five input fields labeled "Enrollment Gr 1-5, SYN -1", "Transferred in Gr 1-5", "fourth input", and "fifth input". At the bottom of the form are two buttons: a blue "SAVE" button and a red "CLEAR" button.

PROJECT WEBSITE PRESENTATION

After the Development of the Basic User-Interface and Functionalities of the Project Website, we presented it to our supervisor and also to other department representatives.



RECOMMENDATIONS

Although the development of the project website was a success and our supervisor and other department representative were satisfied, our supervisor still have a few reccomendations to add to the existing website.

Suggestion 1

Make the website have an admin and a client side in which the clients are various schools in Santa Rosa City and the admin is our supervisor (Planning Officer III).

Suggestion 2

Add a functionality in which performance indicator data that are added by each schools in Santa Rosa City are sorted and can be accessed and selectec by the Admin.

Suggestion 3

Add a functionality in which the admin can add or edit schools in the admin side of the website.

WEBSITE PROGRESS

We started the development and implementation of the new functionalities that were assigned to add to the existing website. Such as improving the home page and adding basic login functionality

The screenshot shows the homepage of the DepED Performance Indicator website. At the top left is the PRS logo. The main title is "DepED Performance Indicator". Below it is a detailed description of what performance indicators are. At the bottom are two buttons: "PROCEED" and "GUIDE".

Performance Indicators refer to the several indicators computed and utilized to evaluate the educational performance in different levels of the education system. They also serve as tools that are used to report the status of the education system to the community, the whole country, and the global community.

PROCEED GUIDE

The screenshot shows the login page for the PRS (Planning & Research Section). It features the PRS logo and the text "Planning & Research Section". There are fields for "Username" and "Password", and a "LOGIN" button at the bottom.

PRS
Planning & Research Section

Username

Password

LOGIN

WEBSITE PROGRESS

We also added a dashboard page with a function of exporting the saved computations and reworked the computate page enabling the user to save their computations to the dashboard page

The screenshot shows the 'Computate' page for 'National High School'. At the top, there are dropdown menus for 'Grade level' (set to 'SHS') and 'File name'. Below these are several input fields and dropdowns for entering data. A central panel displays three saved computations with timestamps and descriptions:

- 8:37AM - Coefficient of Efficiency value for JHS: 3%
- 8:37AM - Coefficient of Efficiency value for SHS: 55%
- 8:38AM - Graduation Rate value for Grade 12: 87%

At the bottom, there are 'Add' and 'Clear' buttons.

The screenshot shows the 'Dashboard' page for 'National High School'. At the top, there are dropdown menus for 'Grade level' (set to 'SHS') and 'File name'. On the right, there is a 'Save data' button. The main area lists three saved files with download and delete icons:

- 2024 Aplaya Performance Indicator
- 2024 Aplaya COE
- 2024 Aplaya NHS - CE_Elementary

At the bottom, there is an 'Add File' button.

WEBSITE PROGRESS

After we added the new features of the website, we then published and deployed it using Azure App Services. It is currently available on the web, however, only selected users are allowed to access it.

 **DepEdPerformanceIndicator** ⚡ ⭐ ...

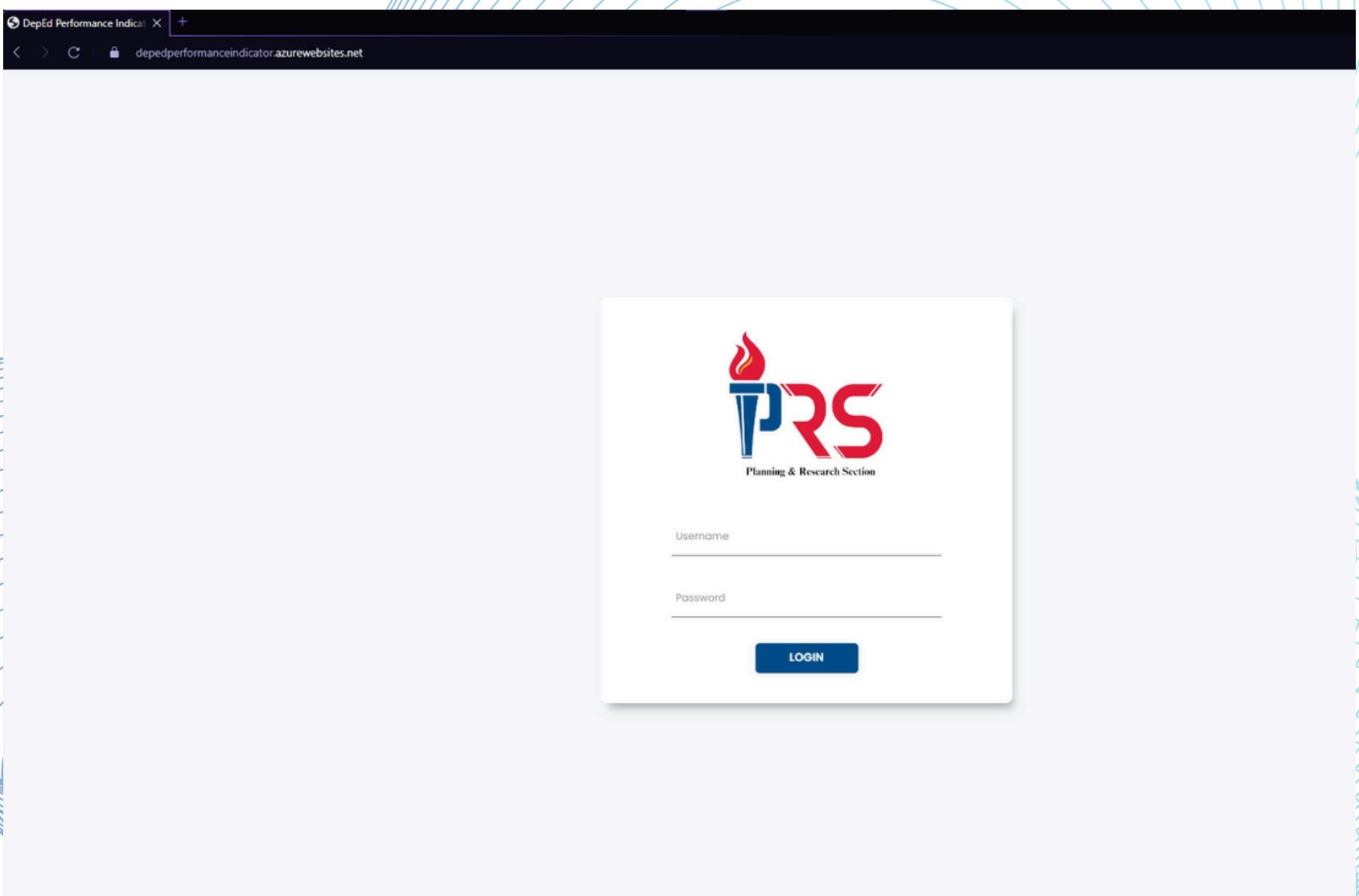
Web App

» Browse Stop Swap Restart Delete Refresh ↓

ⓘ Click here to access Application Insights for monitoring and profiling for your app.

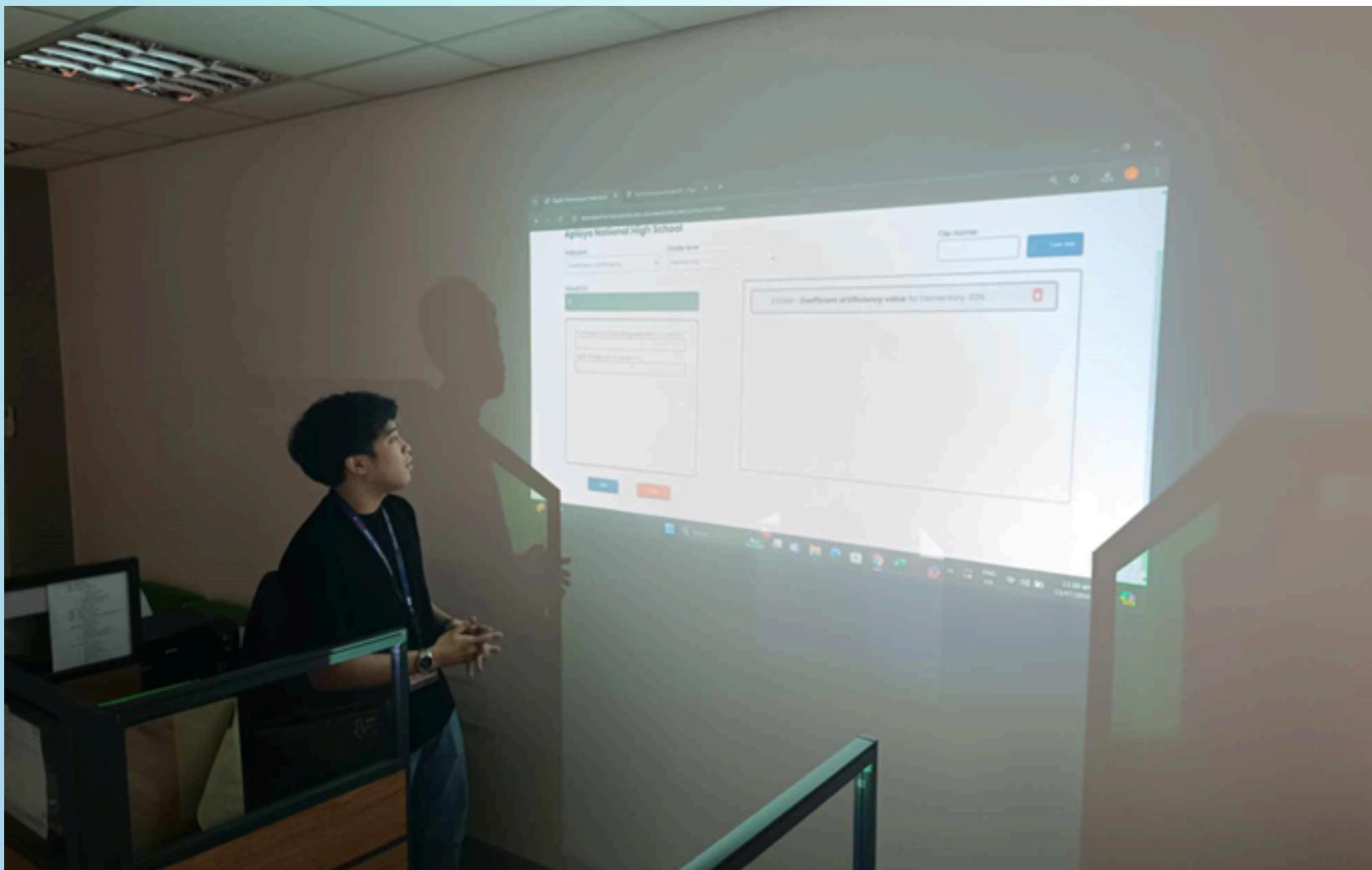
▲ Essentials

Resource group (move)	: DepEdProj20240708141230ResourceGroup
Status	: Running
Location (move)	: East US
Subscription (move)	: Azure for Students
Subscription ID	: d7386b87-e8ed-4a6d-9e3b-3cce5a69f75b
Tags (edit)	: Add tags



PROJECT WEBSITE PRESENTATION

After the development, implementation of the recommended features, we then presented it again to our supervisor along with the assistant superintendent of DepEd Sta Rosa and received positive feedback about our project.



SYNTHESIS

During my practicum at DepEd Sta Rosa, I gained essential skills in data accuracy and validation while working in the Planning and Research Section. I developed my analytical abilities by forecasting enrollment figures using historical data. Collaboratively, I contributed to developing a web application for performance indicators, enhancing my technical skills with HTML, CSS, JavaScript, and ASP.NET Core MVC. This project emphasized the importance of teamwork, clear communication, and project management. Overall, the experience was transformative, preparing me for future challenges and opportunities in Computer Science.



**THANK
YOU**

