



INTERNSHIP WEEKLY REPORT

HOST TRAINING ESTABLISHMENT: Department of Information Technology

Week9: April 08, 2024 – April 12, 2024

STUDENT 1 NAME: LYKA ANN C. CASITA

Number of hours worked for the week: 30 hours

Total number of hours worked since start of First Week Internship: **362 hours**

STUDENT 2 NAME: LYKA ANN C. CASITA

Number of hours worked for the week: 16 hours

Total number of hours worked since start of First Week Internship: **348 hours**

A. ACTIVITIES/DUTIES/FUNCTIONS PERFORMED

April 08, 2024

- The trainees were tasked to find an open-source API that seamlessly interfaces with Google Scholar, that enables the extraction of scholarly data.
- The trainees attended the CEn X Night to help facilitate and manage the venue.

April 11, 2024

- The trainees continued to find an open-source API for web scraping and enhanced minimal design on the project system.

April 12, 2024

- The trainees enhanced some of the user interface design of the Faculty Profile Information System. The trainees worked on adding CSS design elements to improve the visual appeal of the interface.
- They also participated in the Community Fiesta that was held in the afternoon.

B. KNOWLEDGE GAINED

1. What new learnings were gained during the week?

- The trainees learned some Web scraping techniques where they explored various web scraping methodologies and tools to extract data from websites, expanding their knowledge of data retrieval techniques.

2. What skills were developed/enhanced?

- The trainees strengthened research skills through the exploration of open-source APIs and web scraping techniques, honing their ability to gather and evaluate information effectively.
- Learned to manage multiple tasks simultaneously, balancing the search for an open-source API with the enhancement of the project system's system.



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C. PROBLEMS ENCOUNTERED

1. What problems have you encountered this week?
 - As the project system is in Laravel framework, the trainees had difficulties to find an open-source API that uses a PHP language.
2. How did you handle the problem?
 - The trainees searched for more open-source APIs and were advised by the supervisor to try another open-source API in different programming languages, with the goal of wrapping the code into the PHP language.



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D. PHOTO DOCUMENTATION FOR THIS WEEK OF THE ACTIVITIES PERFORMED FOR THE WHOLE WEEK (at least include 2 to 4 pictures of your weekly activity for this week, each picture has label of what you are doing)

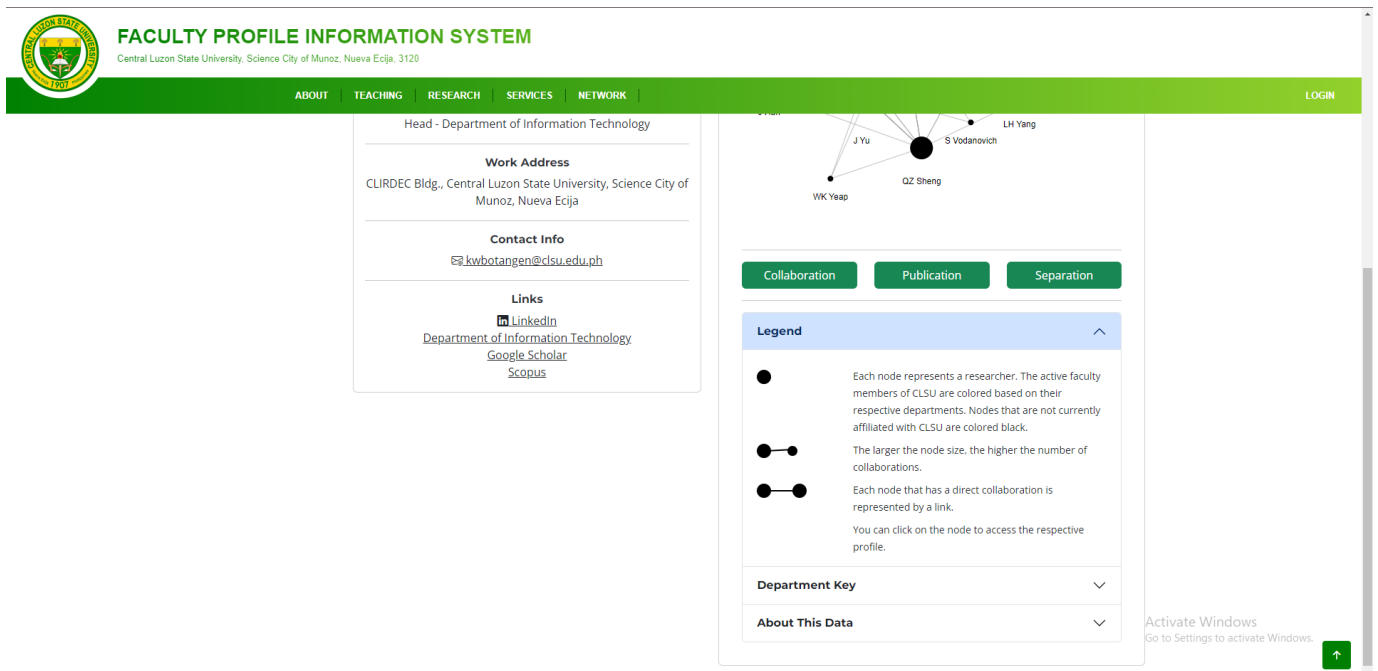
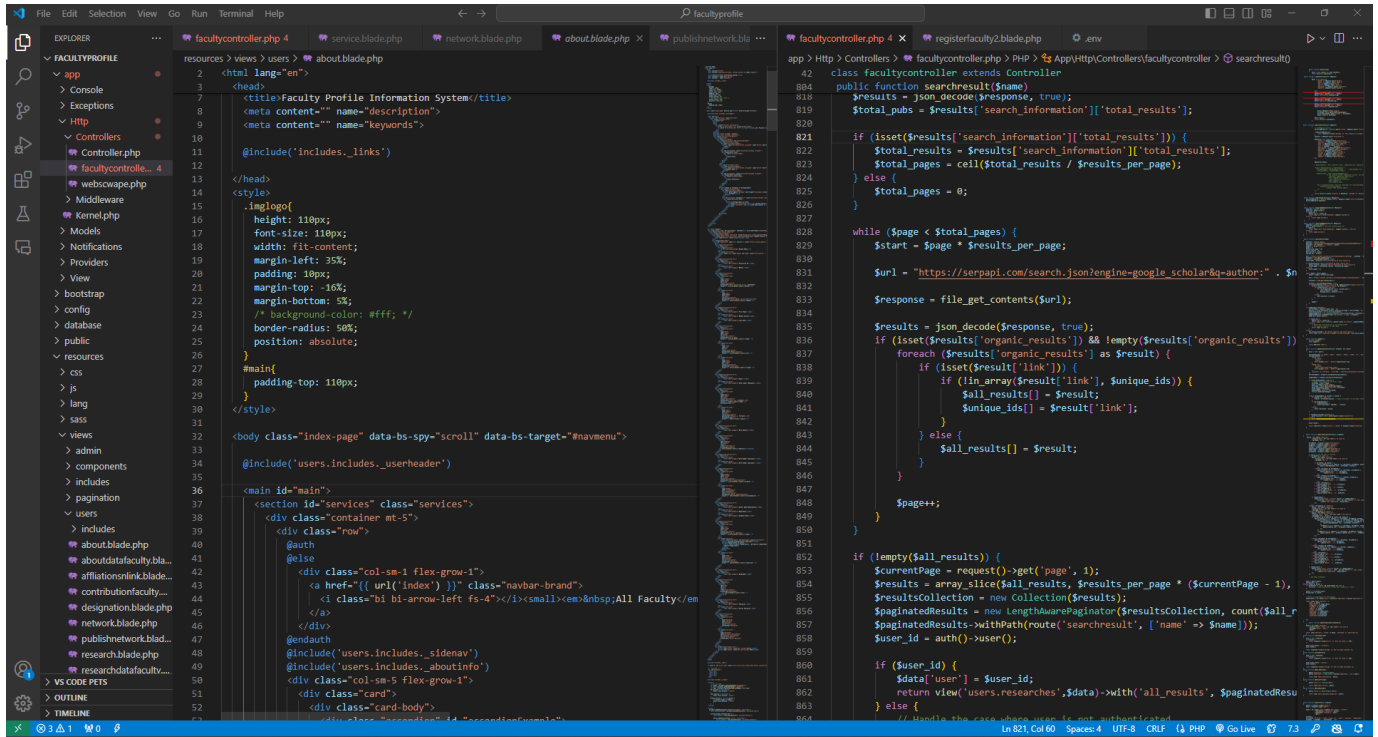


Figure 1: Added some minimal CSS design on the project system



Central Luzon State University
COLLEGE OF ENGINEERING
Department of Information
Technology



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Prepared by:

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OJT IT Student

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Student Name and Signature

OJT IT Student

Date

Conformed by:

DR. KHAVEE AGUSTUS W. BOTANGEN

Supervisor's Name and Signature

Department Head

Date