



Republic of the Philippines
BULACAN AGRICULTURAL STATE COLLEGE
Pinaod, San Ildefonso, Bulacan 3010

INTERNSHIP WEEKLY JOURNAL REPORT

Name of Student Intern: QUIZON, KIER S.
SIPP Coordinator: Prof. Michelle M. Cortez
HTE: Bulacan Agricultural State College - Main Library
Job Description: Intern

Period Covered

Days: February 17, 2025 – February 21, 2025

Hours: 24

1. OBJECTIVES

- To enhance the PDF upload functionality in BELMAppv2.0 by improving file handling, supporting larger file sizes, and preventing upload failures.
- To implement network security measures by configuring URL filtering and application-layer blocking for controlled internet access.
- To contribute to the development of the Library Attendance System by designing the user login page and in/out attendance interface for efficient tracking of student visits.

2. REFLECTION FROM THE OBJECTIVES

During my third week of OJT, I gained valuable experience in system debugging, security configuration, and user interface design. Enhancing the PDF upload functionality in BELMAppv2.0 taught me the importance of optimizing file handling to prevent failures and improve system reliability. Configuring network restrictions deepened my understanding of cybersecurity and access control. Additionally, working on the Library Attendance System allowed me to apply my design and development skills to create a more user-friendly interface. These tasks strengthened my problem-solving skills, technical knowledge, and ability to contribute effectively to library system improvements.

Date	Tasks Accomplished	Knowledge, Skills, Values Learned
17 February 2025	<ul style="list-style-type: none">• Debugged the PDF upload functionality in the admin panel of BELMAppv2.0, ensuring handling of larger file sizes and preventing upload failures.• Encoded article books using the Koha system.	<p><i>Knowledge</i></p> <ul style="list-style-type: none">• Learned about file handling limitations and server-side constraints affecting large file uploads. <p><i>Skills</i></p>



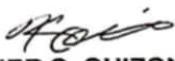
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		<ul style="list-style-type: none"> Improved troubleshooting and debugging skills by identifying and fixing file upload issues, configuring server settings for large file support, and implementing error handling mechanisms. <p>Values</p> <ul style="list-style-type: none"> Strengthened problem-solving abilities, attention to detail, and the importance of maintaining a reliable system for a seamless user experience.
18 February 2025	<ul style="list-style-type: none"> Configured network access restrictions by applying URL filtering and application-layer blocking on the Wi-Fi router to restrict access to specific websites and mobile applications. Participated in troubleshooting and repairing the LAN cable to ensure stable network connectivity. 	<p>Knowledge</p> <ul style="list-style-type: none"> Learned network security measures, including URL filtering and application-layer blocking, as well as troubleshooting techniques for diagnosing and repairing LAN cable issues. <p>Skills</p> <ul style="list-style-type: none"> Developed expertise in configuring Wi-Fi router settings for network access restrictions, troubleshooting LAN cable connectivity issues, and enhancing knowledge of network infrastructure and security protocols. <p>Values</p> <ul style="list-style-type: none"> Strengthened problem-solving and analytical thinking, reinforced the importance of a secure and stable network, and gained a proactive mindset in implementing IT solutions.
19 February 2025	<ul style="list-style-type: none"> Participated in a meeting to determine the functions and design of the new Library Attendance System that we are going to develop. 	<p>Knowledge</p> <ul style="list-style-type: none"> Learned the process of system planning, including defining functions and designing the user interface

	<ul style="list-style-type: none"> Developed the User login page for the new Library Attendance System that we are creating for another BASC campus. Designed the main interface for the in/out attendance with real-time date and time of students in the Library Attendance System. 	<p>for the Library Attendance System.</p> <p>Skills</p> <ul style="list-style-type: none"> Improved collaboration and decision-making skills through system planning discussions, enhanced skills in developing a user login system, and gained experience in designing an in/out attendance interface. <p>Values</p> <ul style="list-style-type: none"> Recognized the importance of teamwork, user-centric design, and structured system development in creating a functional Library Attendance System.
20 February 2025	<ul style="list-style-type: none"> The library is closed as the librarian and library staffs attended a training at the National Library of the Philippines. 	
21 February 2025	<ul style="list-style-type: none"> Absent due to fever. 	

Prepared by:


KIER S. QUIZON
 Student Intern, BSIT 4B

Date: February 21, 2025

Noted by:


LEANELLE D. REYNO
 College Librarian III

Date: February 24, 2025



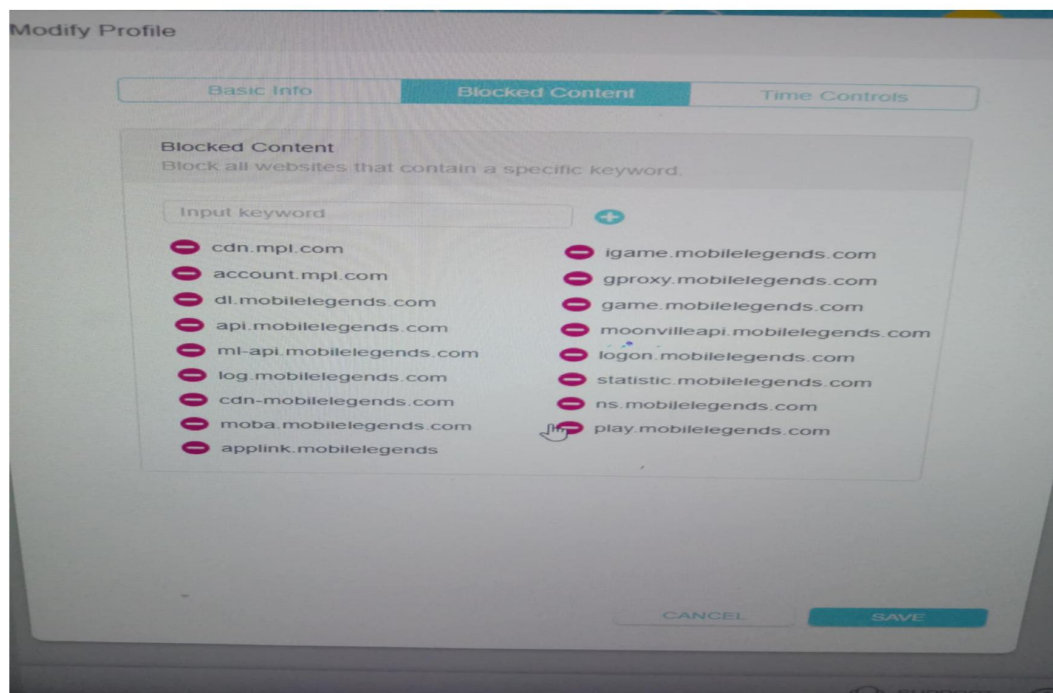
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Date: February 18, 2025

Participated in troubleshooting and repairing the LAN cable to ensure stable network connectivity.



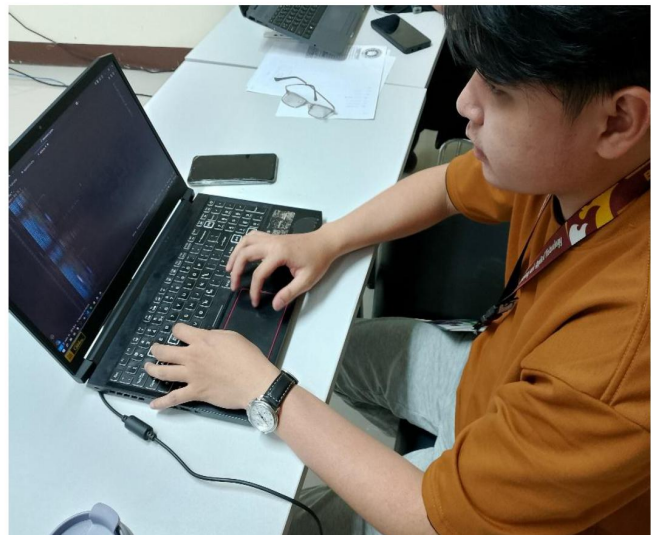
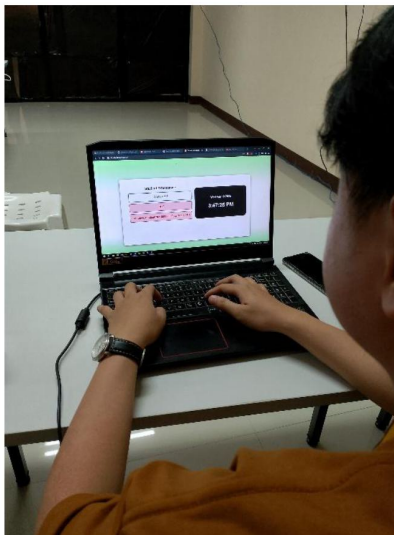
Date: February 18, 2025

Configured network access restrictions by applying URL filtering and application-layer blocking on the Wi-Fi router to restrict access to specific websites and mobile applications



Date: February 19, 2025

Participated in a meeting to determine the functions and design of the new Library Attendance System



Date: February 19, 2025

Designed the main interface for the in/out attendance with real-time date and time of students in the Library Attendance System.