



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**"Laboratory Log Monitoring System for Walk-In Visitors of Student of  
College of Communication and Information Technology of PRMSU San  
Marcelino Campus"**

**BY:**

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**A Thesis**

**In partial Fulfillment of the Requirements  
for the degree of Bachelor of Science in Computer Science  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
San Marcelino, Zambales**

**June, 2023**



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY



Republic of the Philippines  
**PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY**  
College of Communication and Information Technology  
San Marcelino, Zambales

**APPROVAL SHEET**

This, study entitled "LABORATORY LOG MONITORING SYSTEM FOR CCIT OF PRMSU SAN MARCELINO CAMPUS" prepared and submitted by JOMAR DELA CRUZ, REM CARL ANTONIO, JAIMIE DIANNE SIMPELO, RENZ ROY RAGADIO in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE IN COMPUTER SCIENCE are hereby recommended for oral examination.

**MS. ERIKA MAE A. PAJE**  
Adviser

Approved by the Panel of the Oral Examiners on (June 21,2023) with a grade of 82.33%

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**MR. WILMAR S. RED**  
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**MR. RODANA A. FABRO**  
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Accepted and approved in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE IN COMPUTER SCIENCE.

7/10/2023

Date Signed

**MR. ACE RYAN LABAMPA**  
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### EXECUTIVE SUMMARY

The Log Book Monitoring System for Walk-in Visitors at the CCIT Computer Laboratory is an innovative and efficient solution designed to track and manage the activities of students visiting the computer laboratory. It replaces the traditional paper-based log books with a digital system, providing real-time monitoring and accurate attendance tracking.

The system offers a user-friendly interface that allows CCIT students to log in and out of the laboratory using their Student ID number, streamlining the attendance process and saving time for both students and staff. The digital log book eliminates the issues associated with manual recording, such as illegible handwriting and missing information, ensuring data integrity and accuracy.

With the integration of an inventory system, the monitoring extends to handpicked laboratory equipment. The system tracks the usage of laboratory items, making it easier to manage resources and enhance security measures.

The Log Book Monitoring System significantly improves the efficiency of tracking visitors in the CCIT Computer Laboratory. It enables instructors to have real-time information on student attendance, helps students complete their tasks more effectively, and aids in better resource management. The system's automated features, accurate data recording, and comprehensive monitoring capabilities make it a valuable tool for the CCIT department, supporting a more secure and productive learning environment for students and faculty alike.