COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

PRMSU VISITOR'S LOG MANAGEMENT SYSTEM

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A Capstone Project

In partial Fulfillment of the Requirements

for the degree of Bachelor of Science in Information Technology

College of Communication and Information Technology

President Ramon Magsaysay State University

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Republic of the Philippines
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College of Communication and Information Technology

APPROVAL SHEET

This, study entitled **"PRMSU Visitors Log Management System"** prepared and submitted by Eden M. Dumlao, Ma. Charizza B. Mangawang, Victor Kyle Niño R. Paulo, Erika Pusing in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

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EXECUTIVE SUMMARY

A state university's introduction of a Visitor's Log Management System with QR code integration represents a game-changing way to improve campus security and expedite visitor tracking in the ever-changing world of higher education. The study aims to develop a visitor's log management system that helps the PRMSU Iba Campus in monitoring who are the visitors checking in and out of every building inside the premise. This advanced system adds another level of accuracy and efficiency to the traditional logbook approach while also modernizing it. The procedure becomes smooth with the addition of QR codes, enabling guests to quickly check in by scanning a special code created for every entry. This reduces the possibility of errors resulting from manual data entry while also speeding up the registration process before entering the school grounds. The university administration can effectively monitor and manage visitor traffic thanks to the real-time insights and analytics provided by the Visitor's Log Management System. In the event of unanticipated incidents, it also functions as a useful tool for emergency response, giving instant access to vital information. The significant findings collectively highlight the positive impact that a well-implemented Visitor's Log Management System can have on the overall security, efficiency, and image of a school. The respondents evaluated the overall software quality of the system as excellent. On the other hand, the IT experts evaluated the level of acceptability as accepted, while the visitors evaluated highly accepted in terms of acceptability. Lastly, the level of readiness was evaluated by the visitors as very ready. Furthermore, the researchers recommend implementing the PRMSU Visitor's Log Management System as it contributes to enhancing security, efficiency, and the overall visitor experience. Future proponents could improve development performance and

functionality by making the system more user-friendly and complete. The integration of QR codes not only appeals to the technologically proficient generation but also amplifies the overall campus experience, demonstrating the university's dedication to utilizing cutting-edge solutions for the benefit of its community.