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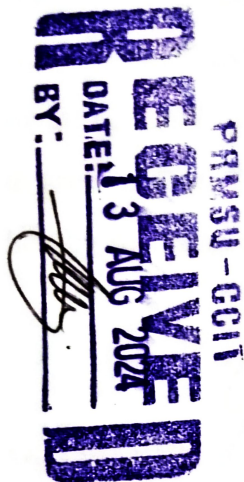
PARKING SYSTEM USING QR CODE OF PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY IN IBA CAMPUS

Aguinaldo, Benie Jr. D.

Baldemor, Christian M.

Cambaliza, Daisy Mae B.

Fernandez, Aliza Marie M.
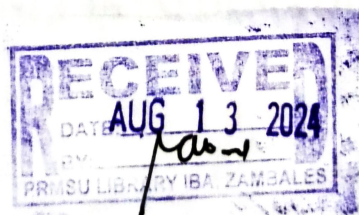
Miranda, Melvin G.

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

Iba, Zambales

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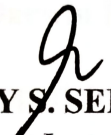PRMSU LIBRARY IBA ZAMBALES

DECEMBER 2023

Republic the Philippines
President Ramon Magsaysay State University
(Formerly Ramon Magsaysay Technological University)
Iba, Zambales
College of Communication and Information Technology

APPROVAL SHEET

This study entitled **"Parking System Using QR Code in President Ramon Magsaysay State University (PRMSU) Iba Campus"** prepared and submitted by Benie D. Aguinaldo Jr., Christian M. Baldemor, Daisy Mae B. Cambaliza, Aliza Marie M. Fernandez, and Melvin G. Miranda in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

GEOFFERY S. SEPILLO, Ed.D.
Subject Instructor
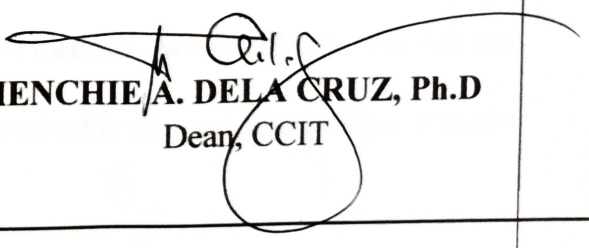
MR. DARWIN M. MORAÑA
Adviser

Approved by the Panel of the Oral Examiners on December 4, 2023 with a grade of
_____.

DARYL JOHN C. RAGADIO, MSCS
Chairperson

JASON S. ARTATES, MSCS
Member

Accepted and approved in partial fulfillment of the requirements for the degree of
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY.

12 AUG 2024
Date Signed

MENCHIE A. DELA CRUZ, Ph.D
Dean, CCIT

EXECUTIVE SUMMARY

The parking system using QR code is an innovative solution designed to address the parking challenges faced by students and faculty members of PRMSU Iba Campus. The system leverages the power of QR code technology to provide a seamless and efficient parking experience, the system utilizes QR code technology to provide a convenient, efficient, and user-friendly way to manage parking slots.

With this system, users can easily scan a QR code and easily find a parking slots. By implementing this innovative solution, the campus aims to reduce congestion, increase parking efficiency, and improve the overall quality of life for its community. This system aims to improve the overall parking experience at PRMSU Iba Campus, reducing congestion, and increasing the satisfaction of students and faculty members.

The respondents of the study evaluated the system's Software Quality, the Level of Acceptability, and the Level of Readiness of the Parking System Using QR Code in PRMSU Iba Campus Personnel using the ISO/IEC 25010:2011 metrics with a total of 301 respondents.

Based on the overall results, the respondents evaluated the Software Quality as "Excellent" with a grand mean of 3.26, the Level of Acceptability as "Accepted" with a grand mean of 3.19, and the Level of Readiness as "Ready" with a grand mean of 3.18.

The study outcome provided valuable recommendations that concentrates on improving the system's performance and strengthen the security to ensure the confidentiality and privacy of attendance data and ensuring accurate data that serves the system's purpose, leading to the final recommendation of implementation of the system.