INTERNSHIP MANAGEMENT SYSTEM OF PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY, SANTA CRUZ CAMPUS

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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 Technological University

Santa Cruz, Zambales

JULY 11, 2022

Republic of the Philippines
President Ramon Magsaysay State University
Santa Cruz, Zambales

College of Communication and Information Technology

APPROVAL SHEET

This, study entitled **"Internship Management System of President Ramon Magsaysay State University Santa Cruz, Campus"** prepared and submitted by Angela M. Metadio, Dave Vincin M. Giron, Jet M. Cruz, Adrian Menard M. Bravo, Resty E. Ebelty in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.

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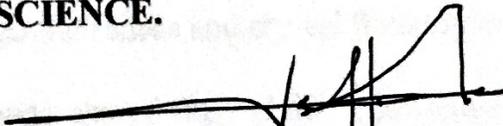Approved by the Panel of the Oral Examiners on July 11, 2022 with a grade of _____.

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

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EXECUTIVE SUMMARY

The internship Management system is designed to facilitate the enrollment and deployment of the interns systematically. The President Ramon Magsaysay State University - Sta. Cruz Campus is an educational institution that offers an internship program for its students. Yearly, the submitting of forms and managing the student's information are done physically and not available online, because of this reason the researchers pursued to develop a system that will allow the students, instructors, and supervisors to have an online interaction that will bring more convenience to them.

The researchers aim to identify the level of system quality of the Internship Management System as evaluated by the School Administrator, OJT supervisor and Students taking OJT/Internship using ISO 25010:2011 using the metrics: Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability, and Portability.

It also aims to identify the level of acceptability of the Internship Management System as perceived by the School Administrator, OJT supervisor and Students taking OJT/Internship in terms of: Content, Accuracy, Ease of Use, Timeliness, and Security.

As well as to find out if there is a significant difference on the respondents' evaluation in the system quality of the Internship Management System of PRMSU Santa Cruz Campus using the ISO/IEC 205010 metrics and also to find out if there is a significant difference on the respondents' evaluation in the level of acceptance of PRMSU Santa Cruz in the implementation of the Internship Management System of PRMSU Santa Cruz Campus?

The proponents had gathered all the relevant information and discussed ideas regarding the technologies that will be used and these are HTML5, CSS3, JS, Code igniter, Bootstrap 5, Bulma, MySQL, phpMyadmin, Wamp x64 and VS code. The expected respondents of this study were totaling to 40 people that including the School administrator, OJT Supervisors, Instructors and Students taking OJT/Internship in PRMSU Sta. Cruz Campus. The researcher used researcher designed questionnaires as a survey instrument to gather the respondents' profile and perception in regards to the system quality and system acceptability of the Internship Management System. ISO 25010:2011. The Statistical and Data Analysis tools used were Frequency and Percentage Distribution and Weighted Mean.

Based on the assessment of the system quality, the descriptive rating result was "Very Satisfied" in terms of Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability, and Portability as evaluated by the OJT Coordinators, Interns, Intern Supervisor, and Instructor. While based on the assessment of the system acceptability, the descriptive rating result was "Highly Acceptable" in terms of Content, Accuracy, Ease of Use, Timeliness, and Security.

The researcher's recommendations are exporting the list of students and their attendance and grades as a CSV or excel file, creating an announcement to notify its users for some changes, the system is also recommended to be presented not only in Sta. Cruz campus but on other PRMSU campuses. To reduce the trouble of continuously explaining how the system works it is advised to add some information or a tutorial video on the home page of the system, it is also better to add features like a chat system so that all users can communicate with one another inside the system. Recycle bin should be added to the

system to prevent unwanted data erasure from happening permanently. Enhance system's quality in terms of maintainability for higher rating in the future and enhance system's acceptability in terms of accuracy for more accurate data in the future.