SALES AND INVENTORY MANAGEMENT SYSTEM

OF STA. CRUZ, ZAMBALES

Denmark U. Eballaran

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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

Sta. Cruz, Zambales

July 11, 2022

Republic of the Philippines
President Ramon Magsaysay State University
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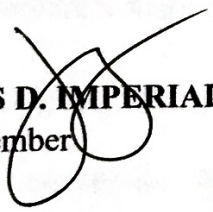**College of Communication and Information Technology**

APPROVAL SHEET

This, study entitled **SALES AND INVENTORY MANAGEMENT SYSTEM** prepared and submitted by **Mark John M. Miba, Denmark U. Eballaran, Jubilea M. Ybanez, Kenneth Bryan B. Morete,** and **Rose Ann M. Mistica** in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.

ELEMA R. LINGA
Adviser

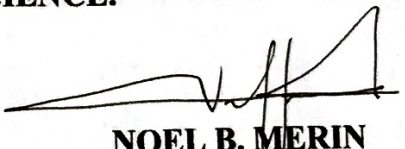Approved by the Panel of the Oral Examiners on July 2022 with a grade of
_____.

DANIEL A. BACHILLAR, MSCS
Chairman

MC JULUIS D. IMPERIAL
Member

PATRICK KING V. SISON
Member

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

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Date Signed

NOEL B. MERIN
Campus Director

EXECUTIVE SUMMARY

This study was made to develop the **"Sales and Inventory Management System: Web Based Automated Inventory System for All Small and new businesses"**. It sought to identify the evaluation of Customer and Staff Respondents on the software quality using ISO/IEC 25010 in Terms of Performance, Effective of the system, Usability, Use Intention, Generated reports, Security; and Functionality. It also sought to identify the level of readiness of the system to the respondents in terms of Facility and Technical Personnel.

The study used the descriptive method of research while the development of the Sales and Inventory Management System": Web Based Automated Inventory System for All Small and new business made use of the **DFD DIAGRAM** and **ENTITY DIAGRAM**. The software and technologies used by the researchers were the standard HTML, PHP, CSS, AND JAVASCRIPT Programing languages. The data gathering procedures used were Questionnaires Statistical and Data Analysis tools used were Percentage Distribution and Weighted Mean

The system was found "Excellent" in software quality in terms of Performance, Effective of the system, Usability, Use Intention, Security, Functionality, and Generated reports. and "Verry Good" in software readiness in terms of Facility and Technical Personnel as evaluated by Respondent.