WEB-BASED SSG ACTION PLAN MANAGEMENT

SYSTEM FOR IBA CAMPUS

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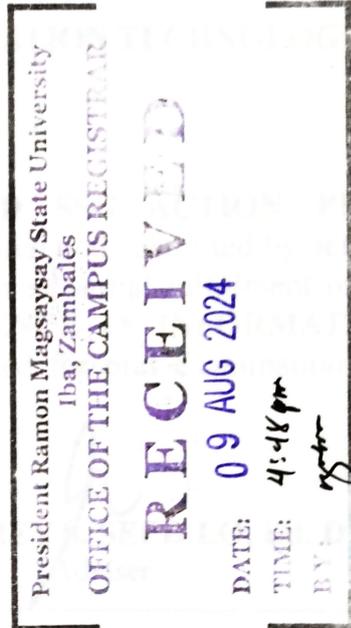
A Capstone Project

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

Iba, Zambales
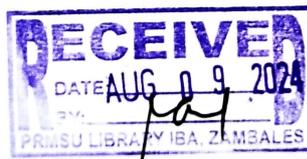
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Main Campus, Iba, Zambales 2201

COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

APPROVAL SHEET

This Capstone Project Entitled **"WEB-BASED SSG ACTION PLAN MANAGEMENT SYSTEM FOR IBA CAMPUS"** prepared and submitted by Jericho A. Pineda, Gil Anthony L. Zapatero and Jeremy E. Echon in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** has been examined and is recommended for oral examination and acceptance and approval.

GEOFFREY S. SEPILLO, Ed. D
Adviser

Approved by the Capstone Project committee on oral examination with a grade of
_____.
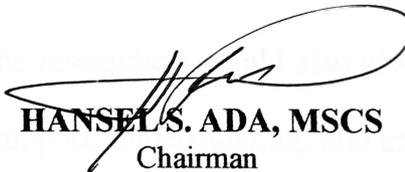
HANSEL S. ADA, MSCS
Chairman
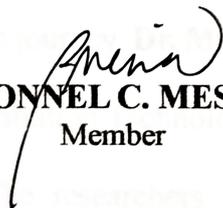
RONNEL C. MESIA
Member

JOSEPH S. CORTEZ
Member

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

0 9 AUG 2024
Date Signed
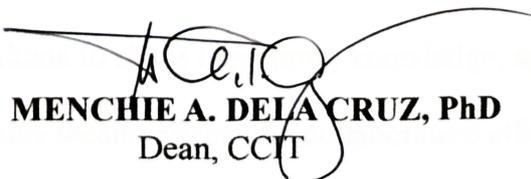
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EXECUTIVE SUMMARY

Web-Based SSG Action Plan Management System is developed to help the SSG to easily create action plan for future events. The system was proposed to present how the system will be able to help them on creating action plan and monitoring their progress. There are two kinds of user in our system. The researchers created a system that could include action plan, monitoring, documentation, security, and flexible access controls. It also supports collaborative features, such as archiving and sharing of files. The admin and the user, the admin will be the main head of the SSG and the user will be the officers and other org officers that is connected to SSG. Users can not create an account unless they talked to the admin because only the admin can create their accounts. The admin holds all, from managing users, creating users, creating another admin, and creating/editing of the action plan. The admin also has the power to restrict users to their point of view in the system and the users can only see what the admin chooses for them. The main objective of our capstone project is to create and monitor the action plans of SSG. To identify the evaluation of the SSG on the software quality using ISO/IEC 25010:2011 in terms of: Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability and Portability. It also sought to identify the Level of Acceptability of the system to the respondents in terms of functionality and performance. It also sought to identify the Level of Readiness of the system to the respondents in terms of Information System Facility and Technical Personnel. The data gathering procedures used were Questionnaires and Interviews. Statistical and Data Analysis tools used was Frequency and Percentage Distribution and Weighted Mean. The respondents of the study

were the officers of SSG Prmsu Main Iba Campus. The system was found "Excellent" in software quality in terms of Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Maintainability, Portability and Security as evaluated by the users. The system was found "Highly Accepted" in level of Acceptability in terms of Functionality and Performance as evaluated by the users. The system was found "Very Ready" in Level of Readiness in terms of information system facility and Technical Personnel as evaluated by the users.