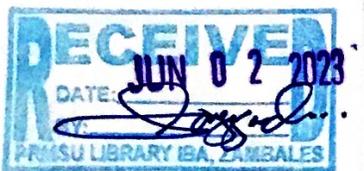




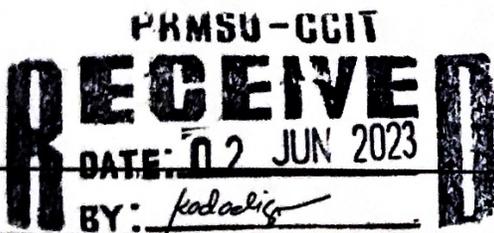
**INFORMATION AND MAPPING SYSTEM OF ONE
THESSALONIANS MEMORIAL GARDEN**

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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**



FEBRUARY 2023





Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
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APPROVAL SHEET

This, study entitled "INFORMATION AND MAPPING SYSTEM OF ONE THESSALONIANS MEMORIAL GARDEN" prepared and submitted by Sean Willian C. Asinas, Clarence B. dela Cruz, Dondi Mar T. Estrella, Jomar Lacuesta and Adrian Charles O. Lucero in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

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02 JUN 2023

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EXECUTIVE SUMMARY

Information and Mapping System is developed to meet the needs of the owner and clients when taking their beloved ones to their grave with no worries and less hassle. The system provides a platform for the user to develop innovative advances to enhance organized visiting grave process. The beneficiary in this proposed study is the owner and the client of One Thessalonians Memorial Garden in Barangay Burgos, San Antonio, Zambales.

The system was proposed by the researchers to present how the system will enable to manage the needs of the user. The user was able to register and log in after the admin/ staff approved their registration, to prevent non-clients from creating an account. The system is consisting of 3 sections, first is the public section that will show information about OTMG, second is the Admin Section for staffs where they have the full access of the system and last is the Client Section where client will be able to view the list and map with information.

The survey used for this was based on the ISO/IEC 25010:2011 metrics. When the researchers accomplished assessment and testing approach with the beneficiaries from the OTMG, the quality and requirements of Information and Mapping System was met and evaluated. Thus, the overall result of the system requirements was achieved by the researchers and proves to be more convenient and effective for them. Based on the result of the evaluation on its software quality rated by the users Functionality Suitability is Excellent (3.73), Performance Efficiency is Excellent (3.53), Compatibility is Excellent (3.6), Usability is Excellent (3.67), Reliability is Excellent (3.55), Security is Excellent (3.45), Maintainability is Excellent (3.68) and Portability is also Excellent (3.7). Based on the result of evaluation on the level of acceptability of the system as to performance (3.4) and as to functionality (3.47) and



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as for the result based on the evaluation on the level of readiness as to technical personnel (3.6). it is very ready.

In the view of results, the researchers offered recommendations in enhancing the system 1st is maintenance and continuous development of the system should be done in order to keep up with continuous advancements of technologies in the world, 2nd mapping system should provide a guide in order for the user to know how to operate some features, 3rd is a clearer numbers for its mapping system so that it is easier to locate the location of the graves, 4th is the system should have a street view mode that provides panoramic 360-degree views from designated place throughout its coverage area. And because of the result on its acceptability and readiness, researchers recommended a training on how to operate the admin side of the system, to familiarize the staff and to help them effectively utilize the system, they also recommended a visual presentation in home page that shows how client operate the system. They also recommended to consider the simplicity of the system, because other users may not familiar in using technology.

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