EVALUATION OF WEB-BASED BARANGAY INFORMATION SYSTEM OF BARANGAY BALAYBAY CASTILLEJOS, ZAMBALES

A Thesis
Presented to the Faculty and Staff of
College of Communication and Information Technology
President Ramon Magsaysay State University
Castillejos, Zambales

In Partial Fulfillment of the Requirements for the Degree
Bachelors of Science in Computer Science

By:

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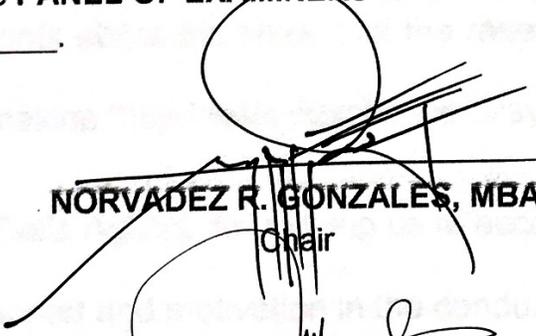**ARIEL L. ROQUE**
May 2019

CERTIFICATION

This thesis entitled "**Evaluation of Web-Based Barangay Information System of Barangay Balaybay Castillejos, Zambales**", prepared and submitted by Zydner Allen B. Corpus, John Rhey B. Costales, and Ariel B. Rouque in partial fulfillment of the requirements for the degree Bachelor of Science in Computer Science, has been examined and recommended for Oral Examination.
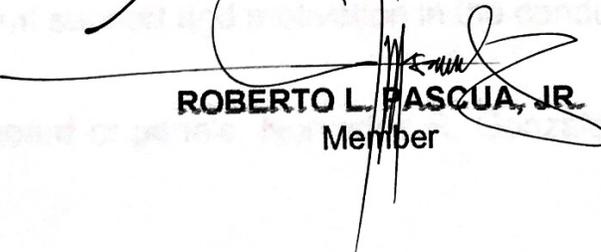
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APPROVAL

Approved by the **PANEL OF EXAMINERS** on Oral Examination on April 17, 2019 with the grade of _____.

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ABSTRACT

The Web Based Barangay Information System of Barangay Balaybay Castillejos, Zambales aims to address the needs of the Barangay for efficient information and decision processing. It allows the recording of all the barangay constituents and enables the user to locate a constituent using Google Map API (Application Programming Interface. It automates the Barangay certifications and statistical reports. The system was evaluated by the Barangay Officials of Balaybay Castillejos, Zambales as respondents of the study. The respondents strongly agreed that the system's functionality conforms to their needs and requirements. With regards to the software standardization criteria of ISO 9126, the system was tested by the I.T. Professionals and resulted that the system complies to international standards and is therefore valid and reliable to use. Based on the results shown and suggestions from the surveys, the recommendations are presented for the improvement of the system.