BRISA DE JARDIN BEACH RESORT RESERVATION MANAGEMENT SYSTEM

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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
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APPROVAL SHEET

This, study entitled **Brisa de Jardin Beach Resort Reservation Management System** prepared and submitted by **EDEN GENN M. MISA, GERLIE M. PENDON, MILES S. SUNIEGA, DONNA MAE M. MON, & ISMAEL M. MAMONDAS** in partial fulfilment 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 2022 with a grade of
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EXECUTIVE SUMMARY

This study was made to develop **"Brisa de Jardin Beach Resort Reservation Management System"**. It sought to identify the evaluation of Customer, Staff, and Owner respondents on the software quality using ISO 25010: 2011 in terms of: Functional Sustainability, 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.

The study used the quantitative research while the development of the Brisa de Jardin Beach Resort Reservation Management System made use of the Rapid Application Development Life Cycle. The data gathering procedures used were Survey Questionnaires and Interviews. Statistical and Data Analysis tools used was Frequency and Percentage Distribution and Weighted Mean.

The respondents of the study were the customers, owner and staff of Brisa de Jardin Beach Resort located at Uacon, Candelaria, Zambales.

The system was found "Excellent" in software quality in terms of Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability and Portability as evaluated by customers, owner, and staff.

The system was found "Highly Acceptable" by customers, owner, and staff in the evaluation of the Level of Acceptability in terms of Functionality and Performance.

The researchers then advised that Brisa de Jardin Beach Resort conduct out the study. The development of marketing materials to promote the program can increase user acceptance and sales. Functionality can be further improved through system

completeness and development efficiency. Continuous study should be undertaken so that it will be at pace with the constantly changing trends of technology. The researchers also recommend that they should further enhance usability through development performance through developing user-friendliness of the system. Additionally, Ability to support other payment services to make transactions is recommended.