COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

SIXTEEN TERABYTES PHOTOGRAPHY ONLINE RESERVATION

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A Capstone Project

In partial Fulfilment of the Requirements

for the degree of Bachelor of Science in Information Technology

College of Communication and Information Technology

President Ramon Magsaysay State University

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College of Communication and Information Technology

APPROVAL SHEET

This, study entitled **"Sixteen Terabytes Photography Online Reservation"** prepared and submitted by Ladee Angel Agagas, Precious Gayle Espina, Rachel Joy Devillena, Joseph Vincent Aguilar, and Clint Darrel Degollado in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

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Approved by the Panel of the Oral Examiners November 29, 2023 with a grade of _____.

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EXECUTIVE SUMMARY

In today's tech-driven business landscape, companies, such as Sixteen Terabytes Photography, leverage online reservation systems to streamline operations and enhance efficiency. For Sixteen Terabytes Photography, adopting an efficient online reservation system addresses challenges associated with traditional methods, streamlining processes, reducing workloads, and ultimately improving the overall customer experience. This strategic move enhances trust and competitiveness within the industry.

The researchers implemented a streamlined and user-friendly platform, enabling photographers and clients to schedule sessions easily through a dedicated website. This innovative solution caters to a diverse range of photography services, meeting the needs of individuals, businesses, and organizations. The study involved 200 respondents, including owners and clients, who assessed the Sixteen Terabytes Photography Online Reservation system using the ISO/IEC 25010:2011 measure. Overall, respondents rated the system's web application quality as "excellent," with a grand mean of 3.48, and the level of acceptability as "highly accepted," with a grand mean of 3.48.

The researchers recommend replacing the current manual approach in event reservation processes with the Sixteen Terabytes Photography Online Reservation system. This transition is essential to handle a growing user base ensuring scalability as the platform expands. Informed by customer feedback and evolving technology, continuous system improvements are vital to maintain a trustworthy and efficient platform.