DSS: Descriptive Statistics Solver

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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 State University

Iba, Zambales

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
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APPROVAL SHEET

This, study entitled **"DSS: Descriptive Statistics Solver"** prepared and submitted by Ron Earl Del Rosario, Ronnel Mesia, Nathasha Dominique Pepito 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 16, 2021 with a grade of _____.

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ABSTRACT

Title : **Descriptive Statistics Solver**

Researchers : **Ron Earl A. Del Rosario**

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Degree : **Bachelor of Science in Computer Science**

Year : **2021**

Adviser : **Menchie Dela Cruz Ph.D**

Descriptive Statistics Solver aims to determine the software quality of the proposed Descriptive Statistics Solver using the ISO/IEC 25010:2011 System Quality Metrics in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability and portability as well as the level of acceptability in terms of functionality and performance. This type of research is descriptive type. The main instruments used by the researchers were questionnaires for supplementary data and information researchers conducted some interview and observation. The data statistically treat using mean and average weighted mean, percentage and ranking.

After the careful study on the result and summary of the research, the researchers conclude that the proposed Descriptive Statistics Solver is evaluated

as Excellent in terms of software quality with a weighted mean of 4.36 by the students and evaluated as Excellent in terms of software quality with a weighted mean of 4.26 by the faculty. The Descriptive Statistics Solver was evaluated as highly acceptable in terms of level of acceptability with a weighted mean of 4.48 by the students and evaluated as Highly Acceptable in terms of level of acceptability with a weighted mean of 4.39 by the faculty.

Thus, the researchers further concludes that the proposed Descriptive Statistics Solver can provide quality service and customer satisfaction among the students and faculty who will be using the said application.