

DSS: Descriptive Statistics Solver

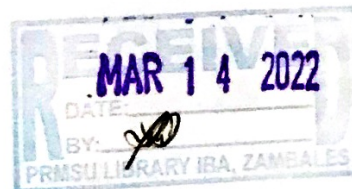
Del Rosario, Ron Earl

Mesia, Ronnel

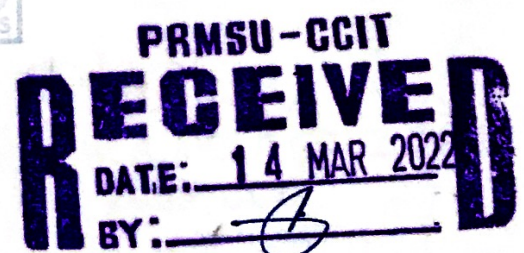
Pepito, Nathasha Dominique

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**

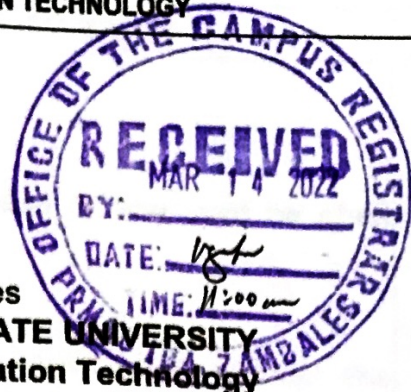


July 2021





COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY



Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
College of Communication and Information Technology
Iba, Zambales

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.

Menchie Dela Cruz, Ph.D
Adviser

Approved by the Panel of the Oral Examiners on July 16, 2021 with a grade of _____.

NERISSA L. JAVIER, MSCS
Member

DANIEL BACHILLAR, MSCS
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WALTER G. LARA, MSCS
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Accepted and approved in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE.**

3/11/2022
Date Signed

MENCHIE A. DELA CRUZ, Ph.D
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ABSTRACT

Title : **Descriptive Statistics Solver**

Researchers : **Ron Earl A. Del Rosario**
Ronnel C. Mesia
Nathasha Dominique F. Pepito

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



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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.