COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

ONLINE MOTORPOOL MANAGEMENT SYSTEM

A Thesis
Presented to the Faculty of the
College of Communication in Information Technology
President Ramon Magsaysay State University
Iba, Zambales

In Partial Fulfilment
of the Requirements for the Degree
Bachelor of Science in Information Technology

by:

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This thesis entitled "**ONLINE MOTORPOOL MANAGEMENT SYSTEM**", prepared and submitted by **Earl Vincent B. Acuavera, Reginald V. Esguerra**, and **William J. Agpaoa** in partial fulfilment of the requirements for the degrees of **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

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Approved by the PANEL OF EXAMINERS on Oral Examination on April 3, 2019 with a grade of _____.

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ABSTRACT

The system was designed to computerize the processes of the President Ramon Magsaysay State University - Motorpool Department through a management information system capable to arrange the schedule of vehicles, determine the availability of drivers, serve as repository of vehicle records relative to preventive maintenance, upload documentary requirements prior to the approval of the travels and issue trip tickets once the travels are approved. After the system development phase, personnel under the motorpool unit and the different unit heads of the university were tapped to evaluate the level of software quality and acceptability of the developed system. The researcher made of used of descriptive method of research. The Rapid Application Development (RAD) approach was employed in the system development. The software quality of the system as evaluated by the Motorpool Personnel in terms of functional suitability, compatibility, usability, reliability, security, maintainability and portability is "Very Good" while in the indicator Performance Efficiency is "Excellent", and evaluated by Unit Heads as "Very Good". The level of acceptability on the system as evaluated by the Motorpool Personnel in terms of Accuracy, Ease of Use and Timeliness is "Accepted" while on the last indicator content is "Very Accepted" and evaluated by Unit Heads as "Accepted". There is no significant difference on the evaluation of the Motorpool Personnel on the Software quality while there is a significant difference on the evaluation of the unit heads, There is no significant difference on the evaluation of the Motorpool Personnel on the Level of

Acceptability while there is a significant difference on the evaluation of the unit heads. Recommendation were provided.