COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

GET A TRIKE MOBILE APPLICATION

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

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

RECEIVED
DATE: 06-17-19
BY:
PRMSU LIBRARY IBA, ZAMBALES

By:

Rebecca A. Conde
Leonard G. Fernandez
Emil Licayan
May 2019

PRMSU-CCIT
RECEIVED
DATE: 17 JUN 2019
BY:

COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This thesis entitled **"GET A TRIKE MOBILE APP"**, prepared and submitted by **Emil John Licayan, Leonard G. Fernandez** and **Rebecca A. Conde** in partial fulfillment of the requirements for the degree of **Bachelor of Science in Information Technology,** has been examined and recommended for Oral Examination.

GEOFFREY S. SEPILLO, Ed.D.
Adviser

APPROVAL SHEET

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

DANIEL A. BACHILLAR, MSCS
Chairperson

FIEL M. DULLAS JR.
Member

DARIO G. ALLUSO JR.
Member

Accepted as partial fulfillment of the requirements for the degree

Bachelor of Science in Information Technology

17 JUN 2019
Date

MENCHIE A. DELA CRUZ, Ph. D.
Dean

ABSTRACT

The study aimed is to develop a Get a Trike Mobile Application to make traveling easier and safer for passengers. The study sought to evaluate the software quality using ISO/IEC 25010 in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability and portability. The assessment of the respondents on the level of acceptability of was determined in terms of functionality and performance. The study also tested the significant difference between the faculty and students on the software quality evaluation and level of acceptability. More than half of the respondents were passengers. The operators' evaluation on the software quality in terms of functional suitability, performance efficiency, compatibility, reliability, maintainability and portability was Excellent. On the other hand, the operators' evaluation on the software quality in terms of the usability and security was Very Good. The passengers' evaluation on the software quality functional suitability, performance efficiency, compatibility, reliability, maintainability and portability was Excellent. The operators and passengers' evaluation on the level of acceptability in terms of functionality and performance was Very Acceptable. There was a significant difference on the evaluation of the faculty and students on the software quality of Get a Trike Mobile Application in terms of usability and security. There was no significant difference on the level of acceptability on the assessment of the Faculty and Students of Get a Trike

Mobile Application in terms of functionality and performance.