

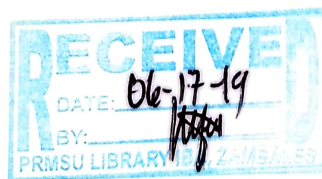


COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

## GET A TRIKE MOBILE APPLICATION

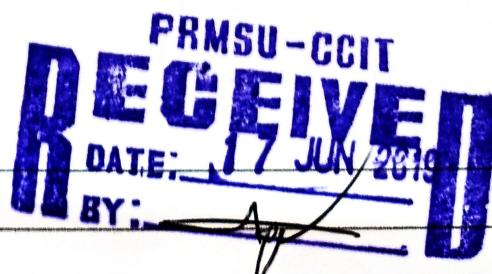
A Thesis  
Presented to the Faculty of the  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Iba, Zambales

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



By:

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

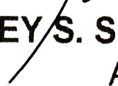




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CERTIFICATION

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.

  
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APPROVAL SHEET

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

  
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Accepted as partial fulfillment of the requirements for the degree  
**Bachelor of Science in Information Technology**

**17 JUN 2019**

Date

  
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### 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





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Mobile Application in terms of functionality and performance.