

**E-LEARNING FOR KINDER 1  
OF MANGAN-VACA ELEMENTARY SCHOOL: A MOBILE  
APPLICATION**

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

In Partial Fulfillment of the Requirements for the Degree  
Bachelor of Science in Computer Science

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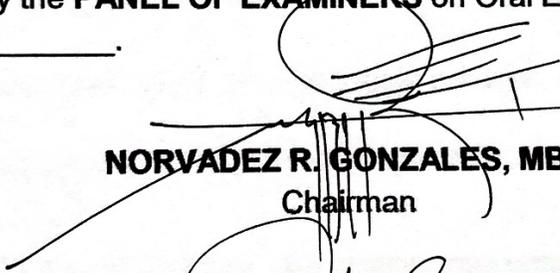
**CERTIFICATION**

This thesis entitled **"E-Learning for Kinder 1 of Mangan-Vaca Elementary School: A Mobile Application"**, prepared and submitted by **John Henry C. Blaza, Chris Ronan Soriano, Arjay C. Tadeo, Mel Cedric B. Toledo** in partial fulfillment of the requirements for the degree **Bachelor of Science in Computer Science**, has been examined and recommended for Oral Examination.

  
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**APPROVAL SHEET**

Approved by the **PANEL OF EXAMINERS** on Oral Examination on April 16, 2019 with the grade of \_\_\_\_\_.

  
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## **E-Learning for kinder 1 of Mangan-Vaca Elementary School: A Mobile Application**

### **ABSTRACT**

The purpose of the study is to develop a mobile application that will serve as an instructional tool in teaching alphabet, colors, shapes, etc. When the system used by the respondents, it has various function that can improve their process of learning. The method used by the researchers is descriptive because it is useful for investigating a variety of educational problems and it is frequently used in research studies.

Data gathered shows on User's Acceptance to the Mobile Application is Very Good or a total average weighted mean of 3.97. Expert's rating on Functionality is Very Good with a weighted mean of 4.45. Usability of developed application is Excellent with a weighted mean of 4.65. Expert's ratings under Efficiency is also Excellent with a weighted mean of 4.60. Data presented were based on the respondent's perspective out of the data gathered during the testing of the application among 50 respondents, composed of kinder 1 students of Manga-Vaca Elementary School Subic Zambales, their parents and experts.



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In view of findings, the researchers recommend to design own mobile application depending on the need and interest of respondents. To future researchers who wish to conduct a similar study, they must develop a mobile application that address the strengths and weakness of their selected respondents and provide a plenty of assessments during the tutorial. In order to master a skill though repetitive practice, it is highly recommended to provide adequate learning activities for the purpose of evaluating students progress