



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**EDUCATIONAL WEB APPLICATION FOR CHILDREN WITH LEARNING
DISABILITIES IN AMUNGAN AND ZAMBALES
NATIONAL HIGH SCHOOL**

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A Thesis

In Partial Fulfillment of the Requirements

for the degree of Bachelor of Science in Computer Science

College of Communication and Information Technology

PRMSU-CCIT President Ramon Magsaysay State University

Iba, Zambales

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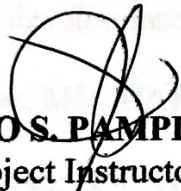


Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
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APPROVAL SHEET

This study entitled **EDUCATIONAL WEB APPLICATION FOR CHILDREN WITH LEARNING DISABILITIES IN AMUNGAN AND ZAMBALES NATIONAL HIGH SCHOOL** prepared and submitted by **Romeo M. Castillo Jr., Jerushca L. Gutierrez, Ericka C. Laborce, Mark Lester O. Peduche, Loyd R. Tolentino** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.

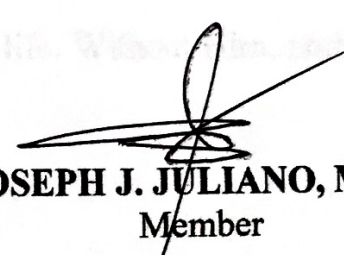

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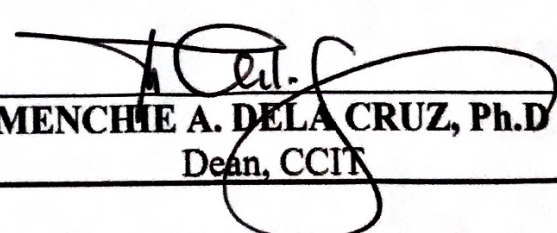

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EXECUTIVE SUMMARY

The study focuses on the development and implementation of an educational web application for children with learning disabilities in Amungan National High School with School ID: 301004 and Zambales National High School with School ID: 301037 that will benefit by parents, teacher and the students.

The study begins by outlining the current challenges faced in Amungan and Zambales National High School to reach higher education due to the lack of improvement of children with special education, according to Special Education teachers it would be easier for children to learn if they also try to use a web application.

The successful implementation of the educational web application for children with learning disabilities contributes to the advancement of students with Principal and Teacher management facilitating digital transformation. It serves as a model for the School of Amungan and Zambales National High School aims to use the benefits of information technology in improving their teaching and learning, improving the interaction of Teachers, Parents and Students, promoting sustainable development of the school.

Based on the overall results, the respondents evaluated the software quality using ISO/IEC 25010:2011 as "Excellent," the level of acceptability as "Highly Acceptable", and the level of readiness for implementation as "Very Ready". The researchers have given more attention to the development of web applications for children with learning disabilities using a systematic, iterative software development process and modern web technologies that would help teachers, parents, and students.