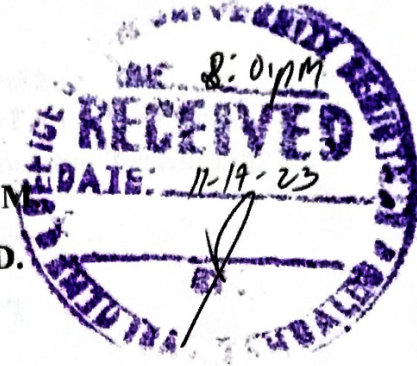




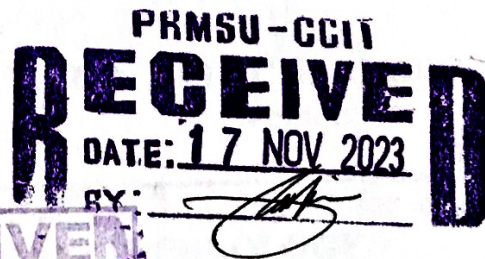
COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

ONLINE SYLLABUS GENERATOR FOR CCIT

Alqueza, John Mark M.  
Apino, Shiela Mae D.  
Udjah, Narida U.



A Capstone Project  
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 of Bachelor of Science in Information Technology



FEBRUARY 2023





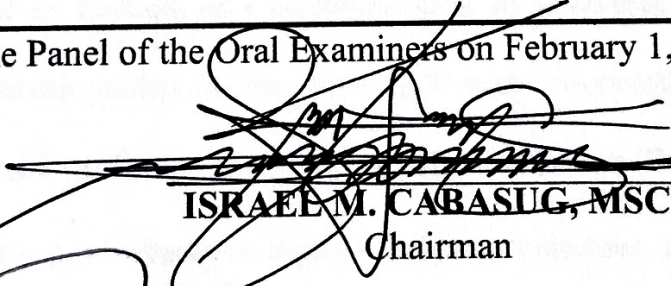
Republic of the Philippines  
**PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY**  
**College of Communication and Information Technology**  
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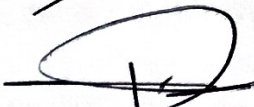
**APPROVAL SHEET**

This, study entitled **“ONLINE SYLLABUS GENERATOR FOR CCIT”** prepared and submitted by John Mark M. Alqueza, Shiela Mae A. Apino, Narida U. Udjah in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

  
**CARL ANGELO S. PAMPLONA, MSCS**  
Adviser

Approved by the Panel of the Oral Examiners on February 1, 2023 with a grade of \_\_\_\_.

  
**ISRAEL M. CARASUG, MSCS**  
Chairman

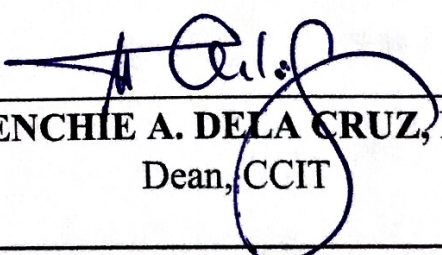
  
**DARWIN M. MORAÑA**  
Member

  
**DARYL JOHN C. RAGADIO, MSCS**  
Member

Accepted and approved in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY.**

 **7 NOV 2023**

Date Signed

  
**MENCHIE A. DELA CRUZ, Ph.D**  
Dean, CCIT



**EXECUTIVE SUMMARY**

The study aimed to develop an online syllabus generator to assist the faculty of PRMSU College of Communication and Information Technology in creating their syllabi conveniently through an online system. The evaluation of the software was conducted based on ISO/IEC 25010:2011 metrics in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability, and portability. The study also evaluated the software's level of acceptability in terms of functionality and performance and its level of readiness in terms of information system facility and technical personnel.

The software received "Excellent" ratings from both instructors and students with a Grand Mean rating of 3.49 and 3.30, respectively. It received a "Highly Acceptable" rating in terms of functionality and performance, with a Grand Mean rating of 3.45 and 3.35 for instructors and students, respectively. Additionally, it received a "Very Ready" rating in both categories, with a Grand Mean rating of 3.60 for instructors and 3.83 for students.

Based on the evaluation, the implementation of the system is highly recommended as it promises to streamline the syllabus creation process and enhance the overall efficiency of the PRMSU CCIT. The study also recommends continuous monitoring of the Online Syllabus Generator for CCIT to ensure that the system remains up-to-date with the latest trends in content management applications. Finally, it is recommended that future studies be conducted to comprehensively evaluate the effectiveness of the Online Syllabus Generator for CCIT.