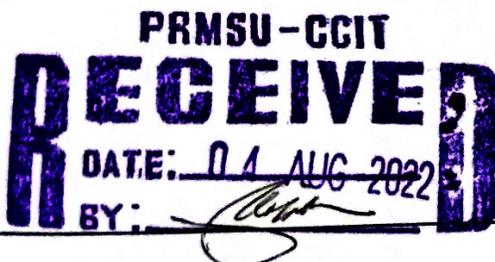
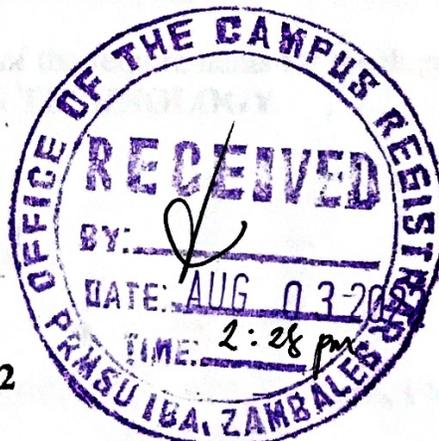


**WEB-BASED DENTAL CLINIC INFORMATION SYSTEM**

**Claire T. Escobar  
Dimmiel A. Catubay  
Ivan P. Bayona  
Jaylord Manglicmot  
Judy Ann A. Dela Cruz**

**A Capstone Project  
In partial Fulfillment of the Requirements  
For the degree of Bachelor of Science in Information Technology  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Iba, Zambales**



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Republic of the Philippines  
**President Ramon Magsaysay State University**  
Iba, Zambales

**College of Communication and Information Technology**

**APPROVAL SHEET**

This study entitled **“Web-based Dental Clinic Information System”** prepared and submitted by **Claire T. Escobar, Dimmiel A. Catubay, Ivan P. Bayona, Jaylord Manglicmot, and Judy Ann A. Dela Cruz** in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

**DARWIN M. MORAÑA**  
Adviser

Approved by the Panel of the Oral Examiners on February 02, 2022 with a grade of \_\_\_\_\_.

**DANIEL A. BACHILLAR, MSCS**  
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**03 AUG 2022**

Date Signed

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### EXECUTIVE SUMMARY

The “Web-based Dental Clinic Information System” was been developed to override the problems prevailing in the practicing manual system. The software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Web-based Dental Clinic Information System, described above, can lead to error free, secure, reliable, and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it well helps organization in better utilization of resources. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals.

The Dr. Ayds dental clinic workers and patients evaluated the software quality of Web-based Dental Clinic Information System using ISO/IEC 25010: 2011 metrics with a total of 20 respondents. Based on the overall results, the respondents assessed the systems quality of Web-based Dental Clinic Information System as “Excellent” with a mean rating of 4.24.