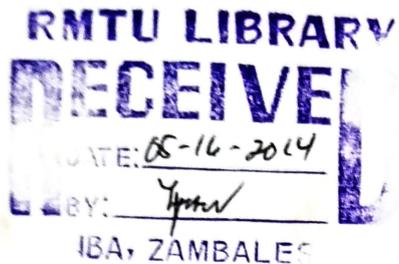


**DEVELOPMENT OF WEB BASED GRADUATE TRACER FOR BACHELOR
OF SCIENCE IN INFORMATION TECHNOLOGY OF
(Ramon Magsaysay Technological University)**



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

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

by

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CHONAMAYE E. FORDAN
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April 2013

Republic of the Philippines
Ramon Magsaysay Technological University
COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY
Iba, Zambales



The study hereto attached entitled

**DEVELOPMENT OF WEB-BASED GRADUATE TRACER FOR THE
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

has been prepared and submitted by **KIMBERLY E. LAGASCA, CHONA MAYE E. FORDAN AND AMY JANE P. ENRIQUEZ**, who are hereby recommended for oral examination on April 7, 2013.


ENGR. MELOJEAN C. MARAVE
Faculty Adviser

Approved by the Committee of Oral Examiners:

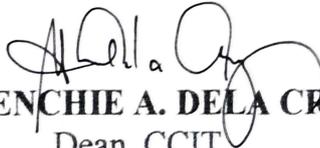

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Accepted and approved as requirement for the degree of **BACHELOR OF SCIENCE
IN INFORMATION TECHNOLOGY**

April 2013


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ABSTRACT

**Title: DEVELOPMENT OF WEB BASED GRADUATE TRACER FOR
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
OF (Ramon Magsaysay Technological University)**

Researchers: KIMBERLY E. LAGASCA

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Adviser: ENGR. MELOJEAN C. MARAVE

Date: April 7, 2013

The main purpose of this study has focused on finding the effective and efficient way in solving the problems experienced by the College of Communication and Information Technology on the Non-Web Based Graduate Tracer System and the testing of Developed Web Based Graduate Tracer for the Bachelor of Science in Information Technology-RMTU as to its degree of necessity in the organization.

Specifically, the study sought answers to the following questions:

1. How do the respondents' perceive the presence or absence of the problems encountered in the Non- Web Based Graduate Tracer System in terms of:
 - 1.1 Security of Data and Information;
 - 1.2 Accuracy of Data and Information;
 - 1.3 Performance/Speed of Processing;
 - 1.4 User Friendliness?

2. What are the respondents' perceptions on the level of efficiency of the Non- Web Based Graduate Tracer System based on the following criteria:

2.1 Security of Data and Information;

2.2 Accuracy of Data and Information;

2.3 Performance/Speed of Processing;

2.4 User Friendliness?

3. What are the respondents' perceptions on the level of efficiency of the Proposed Development of Web Based Graduate Tracer System based on the following criteria;

1.1 Security of Data and Information;

1.2 Accuracy of Data and Information;

1.3 Performance/Speed of Processing;

1.4 User Friendliness?

Findings

The following are the results of the study:

1. On the respondents' perception on the presence or absence of the problems encountered in the Non-Web Based Graduate Tracer System:

1.1 With regards to problems concerning the ability of the system to provide security of data and information, 0 percent agreed that the survey system is secured with password or code while 100 percent did not agree. There were 6.66 percent agreed that the survey system is not susceptible from unauthorized access while 93.33 percent did not agree. There were 3.33 percent agreed that the survey system is secured from possible loss and misplacement while 96.66 percent did not agree.

1.2 With regards to problems concerning the ability of the system to provide accuracy of data and information, 10 percent agreed that the survey system is visible only to the permitted person while 90 percent did not agree. There were 3.33 percent agreed that the collection of data is accurate while 96.66 percent did not agree. There were 0 percent agreed that the information on the survey system is generating correctly and accurately while all or 100 percent did not agree.

1.3 With regards to problems concerning the ability of the system to provide performance and speed of processing of data and information, 23.33 percent agreed that the survey system is linked for invitation while 76.66 percent did not agree. There were 13.33 percent agreed that the responses and statistics is tabulated easily while 86.66 percent did not agree. There were 3.33 percent agreed that data and files are stored and sorted precisely while 96.66 percent did not agree.

1.4 And there were 3.33 percent agreed that the survey system is performed in an easy way while 96.66 percent did not agree. There were 16.66 percent agreed that the survey system is easy to join and answer while 83.33 percent did not agree. There were 23.33 percent agreed that the survey system create a sense of enjoyment while filling it up while 76.66 percent did not agree.

2. On the respondents' perceptions on the level of effectiveness of the Non-Web Based Graduate Tracer System:

2.1 The respondents' perceived security of data and information as "Not Effective" with a weighted mean of 1.32;

2.2 The respondents' perceived accuracy of data and information as "Not Effective" with a weighted mean of 1.47;

2.3 The respondents' perceived performance/speed of processing as "Not Effective" with a weighted mean of 1.16;

2.4 The respondents' perceived user-friendliness as "Not Effective" with a weighted mean of 1.15.

3. What are the respondents' perceptions on the level of efficiency of the proposed Development of Web Based Graduate Tracer System based on the following criteria?

3.1 The respondents' perceived security of data and information as "Very Satisfied" with a weighted mean of 4.78;

3.2 The respondents' perceived accuracy of data and information as "Very Satisfied" with a weighted mean of 4.95;

3.3 The respondents' perceived performance/speed of processing as "Very Satisfied" with a weighted mean of 4.93;

3.4 The respondents' perceived user-friendliness as "Very Satisfied" with a weighted mean of 4.95;

4. The study designed and developed web based system that addressed the problems being encountered by the College of Communication and Information technology.

CONCLUSIONS

From the aforementioned findings, the following conclusions which are binding the respondents arrived at:

1. A typical respondent are faculty, with 16.66 percent, and a student with 83.33 percent.

2. The respondents' perception on the Non-Web Based Graduate Tracer System for the Bachelor of Science in Information Technology based on

the specified criteria is generally described "Not Effective" with a weighted mean of 1.28.

3. The respondents' perception on the implementation of the Proposed Development of Web Based Graduate Tracer System for the Bachelor of Science in Information Technology based on specified criteria is generally described "Very Satisfied" with a weighted mean of 4.90.

RECOMMENDATIONS

Based on the conclusions, the following were recommended:

1. There should be an implementation of the Development of Web Based Graduate Tracer for Bachelor of Science in Information Technology.
2. The user should be familiarized with the system in order to have secured records.
3. The maintenance and continuous development of the system should be done to help it adapt to constantly changing trends of information technology.
4. There should be a conduct of a study and gathering of some data on Development of Web Based Graduate Tracer for Bachelor of Science in Information Technology which is deeper and wider in scope.