



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

Transceive Software for Ramon Magsaysay Technological University

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

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

by



**VINSON REY L. PASCUA
CRYSTAL DAWN A. LAURON
REYMAR A. PANGILINAN**

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CERTIFICATION

This thesis entitled "Transceive Software", prepared and submitted by **Crystal Dawn Lauron, Vinson Rey Pascua and Reymar Pangilinan** in partial fulfillment of the requirements for the degree of **Bachelor of Science in Computer Science**, has been examined and recommended for Oral Examination.

DARWIN M. MORAÑA
Adviser

APPROVAL SHEET

Approved by the PANEL OF EXAMINERS on Oral Examination on March 20, 2018 with a grade of 1.75.

NERISSA L. JAVIER, MSCS
Chairman

DANIEL A. BACHILLAR
Member

HANSEL S. ADA
Member

Accepted as partial fulfilment of the requirements for the degree

Bachelor of Science in Computer Science

Date

MENCHIE A. DELA CRUZ, Ph. D.T.E
Dean



ABSTRACT

Transceive Software for Ramon Magsaysay Technological University (RMTU) was developed to improve the communication in terms of transferring and receiving files. The software gives important to keep the college information private and secure, it's a Lan-based system developed in Vb.net and used SQL server 2008 s2 for the database. This bachelor's thesis is developed to enhance the deans, faculty members and students regarding to their document management process. The researchers used the Rapid Application Development Model or RAD for short, consist of the development and designing of the software based on the ISO/IEC 25010:2011 2011 with the following criteria; functional suitability, performance efficiency, compatibility, usability, reliability, maintainability and portability. And the level of acceptability in terms of the following criteria; functionality, performance and timeliness. While in the process define the development of the application with the help of methodologies and software development tool. Different research instrument such questionnaire, books and internet, and statistical tools and assignment was used in order to compute and interpret the evaluation of the respondents. The developed software was sought to answer the following problem stated through the feedback received by the researchers.

There were a total of fifty respondents of the Transceive Software.



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The Transceive Software was Excellent in terms of Software Quality in the perception of respondent. The Transceive Software was Highly Acceptable in terms of the level of acceptability in the perception of respondent.

For future enhancement of the study, the researcher's recommendation of the "Transceive Software" are to recommended for implementation in the target of different colleges here in RMTU; Continuous study of the proposed system must be conducted for further enhancements.