

**WEB AND MOBILE BASED VOTING SYSTEM**

**LARA JANE N. DRAPIZA  
REY EDWARD B. PRIETO  
AIRA L. ROSIMO**

**A Thesis Presented to the Faculty of the  
College of Communication and Information Technology  
RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY  
CASTILLEJOS CAMPUS  
Castillejos, Zambales**

**In Partial Fulfillment of the  
Course Requirement for the Degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**March 2018**

**RMTU LIBRARY  
CASTILLEJOS CAMPUS**



Republic of the Philippines  
**RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY**  
Castillejos Campus  
Castillejos, Zambales



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**APPROVAL SHEET**

In partial fulfillment of the requirements for the degree in Bachelor of Science in Computer Science (BSCS), this thesis entitled **WEB AND MOBILE BASED VOTING SYSTEM** has been prepared and submitted by **REY EDWARD B. PRIETO, LARA JANE N. DRAPIZA, and AIRA L. ROSIMO** who are hereby recommended for oral examination.

*marie celia r. aglibot*  
**MARIE CELIA R. AGLIBOT**  
Adviser

APPROVED by the Oral Examination Committee

*Iratus Glenn A. Cruz*  
**IRATUS GLENN A. CRUZ**  
Member

*MA. TERESA M. RABANES*  
**MA. TERESA M. RABANES**  
Member

*Michael G. Albino*  
**MICHAEL G. ALBINO**  
Chair

ACCEPTED and APPROVED in partial fulfillment of the requirements for the Degree Bachelor of Science in Computer Science (BSCS).

MARCH 2018  
Date

APPROVED:  
*emma c. ventura*  
**EMMA C. VENTURA, Ed. D.**  
Campus Director

# **WEB AND MOBILE BASED VOTING SYSTEM**

## **ABSTRACT**

Voting systems have been present for long time but with the emergence of new web technologies, the conventional electoral process, be it is for general election or for electing candidates for student council in a university, should be modernized. Electronic voting is one of the most troublesome overhauls faced to obtain a perfect outcome hence, this innovation touches the heart of the whole electoral process that is voting and tallying of the votes. Online voting significantly decreases direct human control which is viewed as a positive point but at the same time it presents an entire scope of new concerns. This paper provides the specification and requirements to meet, university of student online voting system which is a mobile based application to be used by the students of University during the student election. It covers the entire system development life cycle from the identification of a solid problem to background research about the topic on to analysis, design and implementation of a mobile based application. The concluding sections cover the application testing and evaluation as well as possible enhancements to the application.

**Keywords:** Web Based Application, Mobile Application, Voting, Computer System