

**RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY
MASINLOC CAMPUS INFORMATION KIOSK**

**A Thesis
Presented to the Faculty of the
College of Communication and Information Technology
Ramon Magsaysay Technological University -
Masinloc Campus, Masinloc, Zambales**

**In partial fulfilment of the requirements for the Degree
Bachelor of Science in Information Technology**

**by
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APPROVAL SHEET




Republic of the Philippines
College of Communication and Information Technology
Ramon Magsaysay Technological University
Masinloc, Zambales

COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

A research study presented to the faculty of the College of Communication in Information Technology in partial fulfilment of the requirement for the degree
Bachelor of Science in Information Technology:


RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY MASINLOC CAMPUS INFORMATION KIOSK

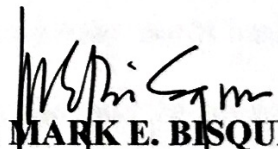
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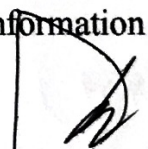

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Abstract

Interactive kiosks are making an impact in schools. It's an inevitable result of the technological evolution and it comes with many benefits.

In this era wherein developments and innovations in the field of information technology continue to prosper, majority of people use computers for business, education and entertainment through laptops, desktop computers and mobile phones.

One of the most common problems faced by students is the lack of information regarding their own records. Information kiosks can make a great way in updating students on their academic records, account information, university directory, announcements and information disseminations, enrolment procedures and significant accomplishments of the institution. With the help of this system, students now are provided information and they can monitor their academic records in just few clicks in the computer.

The system was designed to develop an information kiosk for the Ramon Magsaysay Technological University Masinloc Campus which will serve as portal for students to have access to their academic records, account information, university directory, announcements and information disseminations, enrolment procedures and significant accomplishments of the institution.

IT experts and students evaluated the system to determine the level of system quality and acceptability.

This study employed the descriptive type of research to determine the level of system quality and acceptability of the Ramon Magsaysay Technological University Masinloc campus Information Kiosk.

The system engineering employed the Rapid Application Development (RAD) approach of James Martin which put less emphasis on planning and more emphasis on process.

This study was conducted at the Ramon Magsaysay Technological University Masinloc Campus, Masinloc, Zambales. A total of two hundred fifteen (215) respondents were randomly picked, ten (10) of which are IT Experts while two hundred five (205) were students. The evaluation involved system quality based on the criteria of ISO/IEC 25010:2011 and the level of acceptability of students in term of content, accuracy, ease of use and timeliness.

For the results, the level of system quality of the Ramon Magsaysay Technological University Masinloc Campus Information Kiosk is significantly high. IT experts rated the system Very Good (VG) in 7 system quality metrics including functional suitability, performance efficiency, compatibility, usability, reliability, security, and maintainability, while portability was rated Excellent (E).

Furthermore, the level of acceptability of the Ramon Magsaysay Technological University Masinloc Campus Information Kiosk is significantly high. Students rated the system as Accepted (A) in 4 criteria including content, accuracy, ease of use; and timeliness.

The implementation of the system would mean savings for the university. The Cost-Benefit Analysis shows that savings is greater in the succeeding years since the procurement of equipment is only in the first year of implementation.