
	UNIVERSITY OF MAKATI RESEARCH ETHICS COMMITTEE		
	APPLICATION FOR REQUEST TO CONDUCT RESEARCH	UMREC Form No.	0013-1
		Version No.	3
		Date of Effectivity	


Instructions to the Researcher: Please accomplish this form and ensure that you have included in your submission the documents that you checked below (in Section 3. Checklist of Documents).

1. General Information			
*Title of Study	“Web-Based Project Management System for Equalizer Builders and Technologies Corporation.”		
*UMREC Code (To be provided by UMREC)		*Study Site	Equalizer Builders and Technologies Corporation
*Name of Researcher <small>(name to appear in the certificate: First Name Mi, Last name)</small>	Rairen C. Serrano Joemaire Rizle T. Wayco Marvin B. Lorico	Contact Information	*Tel No:
			*Mobile No: 09199243502
*Co-researcher (if any) <small>(name to appear in the certificate: First Name Mi, Last name)</small>			Fax No:
			*Email: rserrano.a62139296@umak.edu.ph jwayco.k19936716@umak.edu.ph mlorico.k11936392@umak.edu.ph
*College/ Department	College of Computing and Information Sciences		
*Institution	University of Makati		
*Address of Institution	J.P Rizal Extension, West Rembo, Taguig City		
*Type of Study	<input type="checkbox"/> Clinical Trial (Sponsored) <input type="checkbox"/> Clinical Trials (Researcher-initiated) <input type="checkbox"/> Health Operations Research (Health Programs and Policies) <input type="checkbox"/> Social / Behavioral Research <input type="checkbox"/> Public Health / Epidemiologic Research		<input type="checkbox"/> Biomedical research (Retrospective, Prospective, and diagnostic studies) <input type="checkbox"/> Stem Cell Research <input type="checkbox"/> Genetic Research <input type="checkbox"/> Others (please specify) education research
	<input type="checkbox"/> Multicenter (International)	<input checked="" type="checkbox"/> Multicenter (National)	<input type="checkbox"/> Single Site

*Source of Funding	<input checked="" type="checkbox"/> Self-funded <input type="checkbox"/> Government-Funded <input type="checkbox"/> Scholarship/Research Grant	<input type="checkbox"/> Institution-Funded <input type="checkbox"/> Others (please specify) _____
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	<input type="checkbox"/> Sponsored by Pharmaceutical Company Specify: <div></div>		
Duration of the study	Start date: End date:	No. of study participants	
Has the Research undergone a Technical Review?		<input type="checkbox"/> Yes (please attach technical review results) <input type="checkbox"/> No	
Has the Research been submitted to another UMREC?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Checklist of Documents			
Basic requirements: <input type="checkbox"/> Application for Ethics Review of A New Protocol <input checked="" type="checkbox"/> Research Protocol <input checked="" type="checkbox"/> Informed Consent Form <input type="checkbox"/> English version <input type="checkbox"/> Filipino version <input type="checkbox"/> Others (please specify) <input type="checkbox"/> Assent Form (if applicable) <input type="checkbox"/> English version <input type="checkbox"/> Filipino version <input type="checkbox"/> Others: (please specify) <input type="checkbox"/> Endorsement Letter from Research Adviser <div></div>		Supplementary Documents: <input checked="" type="checkbox"/> Questionnaire (if applicable) <input type="checkbox"/> Data Collection Forms (if applicable) <input type="checkbox"/> Product Brochure (if applicable) <input type="checkbox"/> Philippine FDA Marketing Authorization or Import License (if applicable) <input type="checkbox"/> Permit/s for special populations (please specify) <div></div> <input type="checkbox"/> Others (please specify) The researcher is the participant because the study is a narrative inquiry	
Accomplish:			
<div> RAIREN C. SERRANO Signature over printed name</div>			
Date submitted: February 19, 2025			
----- To be filled by the UMREC Secretariat -----			
Completeness of Document	<input type="checkbox"/> Complete <input type="checkbox"/> Incomplete		(place stamp here)
Remarks			

Date Received		
Received by		

	UNIVERSITY OF MAKATI RESEARCH ETHICS COMMITTEE		
	RESEARCH PROTOCOL	UMREC Form No.	0013-2
		Version No.	
		Date of Effectivity	

Instructions to the Researcher: To ensure a thorough and efficient review process, completely accomplish this form. Include all relevant information to facilitate a comprehensive review by the Ethics committee. For fields that are not applicable, write N/A.

I. Title of the Study Indicate the complete title of the research.
“Web-Based Project Management System for Equalizer Builders and Technologies Corporation.”
II. Introduction (Highlights) Provide a brief introduction to the study which includes an overview of the study.
Equalizer Builders & Technologies Corporation (EBTC) is a design and construction group specializing in civil/architectural and electro-mechanical services. The company originated as a spin-off from Equalizer Temperature & System Services, which was formerly part of a renowned firm involved in the installation of various air-conditioning systems, including split-type, package-type, centralized, and precision air-conditioning units, as well as air-duct systems. Civil engineering mostly works on the structures and components of all government infrastructure (buildings, bridges, canals, dams, airports, railroads, etc.). The civilian engineer also operates transport facilities for water, air, and organic garbage and protects the environmental infrastructure. Electric power engineers focus on providing and efficiently utilizing electrical energy. In the area of communication networks, computer and amusement systems, medical devices, and automation motion control electrical and electronics experts are involved. In response to the increasing digitalization of the construction and service industries, EBTC recognizes the need for a professional online presence to showcase its expertise and effectively communicate with both current and potential clients.
III. Background of the Study (Highlights)

Equalizer Builders and Technologies Corporation (EBTC), established in 2012 and headquartered in Xyris St., Pembo, Taguig City, is a well-recognized company in the mechanical and industrial services industry. EBTC has built a reputation for delivering high-quality services, catering to a diverse clientele, including private companies, multinational corporations, and government agencies. The company specializes in a wide range of services, such as air conditioning and ventilation systems, sprinkler systems, plumbing, cleaning, repairs, and equipment supplies. It operates through its main office in Taguig City and maintains a secondary branch at North Harbour, Manila, further extending its reach and service coverage.

Despite EBTC's years of experience and its solid reputation established through client referrals and recommendations, the company faces challenges related to operational inefficiencies and a lack of streamlined processes for managing projects and appointments. At present, EBTC relies heavily on manual processes and traditional methods for coordinating client interactions and scheduling services. Field representatives handle bookings and follow-ups, often resulting in fragmented communication, missed opportunities, and scheduling conflicts. While the company employs Google Drive for storage and utilizes digital fingerprint systems for employee attendance tracking, these tools are not integrated into a centralized platform and are insufficient for addressing the company's growing operational demands.

IV. Statement of the Problem

Include the general and specific research problems.

This study aims to develop a centralized, web-based Project Management System for Equalizer Builders and Technologies Corporation (EBTC) to enhance operational efficiency, streamline project management, and improve client interactions. Specifically, it seeks to answer the following questions:

1. What is the demographic profile of the users of the proposed system in terms of:
 - 1.1 Role (e.g., client, project manager, admin)?
 - 1.2 System usage frequency?
2. How can the proposed system address the challenges faced by EBTC in terms of:
 - 2.1 Improving appointment scheduling efficiency and reducing conflicts?
 - 2.2 Enhancing task assignment, project monitoring, and team collaboration?
 - 2.3 Streamlining document management and maintaining version control?
 - 2.4 Tracking budget, costs, and time spent on tasks for better productivity and financial transparency?
3. What security measures can be incorporated to ensure data privacy and protection, such as:
 - 3.1 Role-Based Access Control (RBAC) to differentiate user functionalities?
 - 3.2 Multi-Factor Authentication (MFA) with a 4-digit PIN code for enhanced security?
 - 3.3 SSL certificates for secure data transmission?
 - 3.4 Anti-SQL Injection measures to protect the database from unauthorized access?
4. What is the level of user satisfaction with the system's features and usability based on ISO 25010 standards, particularly in terms of:
 - 4.1 Functionality and ease of navigation for both client and admin dashboards?
 - 4.2 Performance efficiency, including response time and system reliability?
 - 4.3 Security measures implemented for data protection and user authentication?
 - 4.4 Overall user experience and satisfaction with system accessibility and usability?

V. Scope and Delimitation

This study focuses on the design, development, and evaluation of a project management and appointment scheduling system tailored to the needs of Equalizer Builders and Technologies Corporation (EBTC). The system aims to address the company's operational challenges by enhancing project planning, tracking, and execution while optimizing client appointment management.

This project aims to enhance EBTC's operations, but it comes with several limitations that should be acknowledged. The system will be developed as a web application accessible through computers, mobile phones, and other devices, eliminating the need for a dedicated mobile app. However, it will not integrate with EBTC's existing tools, such as the biometrics system or Google Drive, requiring data management to be handled independently within the new platform.

VI. Related Literature & Studies (Major Themes Only)

Project Management System

As said by Radoslaw. (2022) It was feasible to examine the most crucial facets of project management thanks to the factors discussed in the paper. The investigation of fundamental project management concepts is the main focus of the article, particularly in light of Industry 4.0. We focused on industrial organization in the analysis and attempted to describe the primary advantages of applying the project approach in those businesses. We identified the primary advantages of project management in Industry 4.0 industrial enterprises. This method is particularly crucial for managing complicated, expensive, and dangerous projects that are difficult to manage the conventional way. In Industry 4.0 we can spot many of those types of interdisciplinary projects linking the technical and social knowledge. In those situations using a project management approach can lead to the success of organization activities. Detailed analysis of all subjects related to the problems connected with project management in engineering organizations.

Data Security and Privacy Compliance

Through digital connectivity, smart cities guarantee a better quality of life for the general public, increasing accessibility and efficiency in urban areas. Additionally, throughout the various private and public sectors, including critical infrastructures, financial sectors, healthcare, and Small and Medium Enterprises (SMEs), a vast amount of data is being shared via smart devices, networks, cloud infrastructure, big data analysis, and Internet of Things (IoT) applications. However, in order to guarantee the confidentiality and integrity of sensitive and important data, these industries must maintain specific security measures.

Web-Based Applications

Construction projects are typically characterized by their size, complex technology, lengthy completion times, and difficult teamwork, according to Zhao et al. (2022). Some of these issues can be resolved by offering digital representations that incorporate geospatial data and physical attributes. In order to combine information at the micro and macro levels into a single domain without requiring conversion between data standards or the use of any intermediary format, the current study suggests a novel method of integrating building information modeling (BIM) into the geographic information system (GIS) domain.

Cloud-Based Security and Data Privacy

Some technological trends have surfaced in recent years, particularly in cloud-based data warehousing, according to Ahmadi (2024). Organizations and associations employ cloud-based data warehousing to store massive amounts of data. However, there are a number of hazards and difficulties associated with this type of data warehousing, including privacy issues. Data breaches, virus attacks, and data theft—all of which contravene legislative privacy regulations like the Consumer Privacy Act—are among the main security issues.

ISO 25019

According to Mengesha et al. (2024), the quick rise in software demand and usage is causing natural resource consumption to rise, which is having an effect on society and day-to-day living and endangering future requirements. Software sustainability is becoming more popular in studies as a solution to these issues. It highlights how crucial it is to address the demands of the next generations while lessening the overall impact of software in a number of ways. The objective is to lessen the detrimental impacts that traditional software development methods have on the sector.

Record Management System

It is widely accepted that an organization's or institution's capacity to manage its records may be a necessary condition for efficient administration. Bayelsa State Higher Education believed that effective records management might help organizations accomplish their mandate, manage their information effectively, avoid lawsuits, preserve their corporate memory, and promote accountability and good governance. Ineffective record-keeping not only impedes an organization's growth but also results in inefficient service delivery.

Multi-Factor Authentication

User login credentials are known as authentication factors, and they are provided to an authentication process so that it can determine whether to allow or prohibit access. Authenticating a user's credentials is crucial for ensuring security when they access their accounts online. Verification of the credentials a user provides to demonstrate their identity is part of an authentication procedure. The developing field of cyber-related Internet of Things (IoT) is causing a change in authentication mechanisms.

Role-Based Access Control

Information security has grown to be a major concern for system administrators in enterprises during the past few decades (Kamboj et al., 2021). However, because of its lower administrative cost, the Role-Based Access Control (RBAC) paradigm has become a feasible option for businesses to satisfy security needs. Distributive in nature, blockchain technology can be applied successfully to problems with user authorization and authentication. In order to manage user-role permissions within the company, this article suggests an RBAC architecture that makes use of a blockchain-based smart contract. In an organization scenario, we create a threat and security model to fend off attacks like man-in-the-middle attacks.

Appointment System

The use of an online scheduling and booking system in the healthcare industry can provide significant benefits for both patients and healthcare providers. It allows patients to schedule appointments easily and efficiently, saving them time and providing more access to healthcare. For healthcare providers, it can improve scheduling processes, minimize patient wait times, and provide a more efficient and streamlined scheduling process. The evolution of technology and the internet has made it easier for patients to access healthcare and for healthcare providers to manage their patients records and appointments.

VII. Research Methodology

To evaluate the effectiveness and impact of the web-based appointment scheduling and management system for Equalizer Builders and Technologies Corporation (EBTC), this study employs a mixed-methods approach, combining both quantitative and qualitative data collection techniques. This approach ensures a comprehensive understanding of system performance, user satisfaction, and operational efficiency improvements.

- 1. Population and Sampling Technique - The study targets EBTC employees/administrators who manage tasks and communication. Stratified Random Sampling will be used to select 10 investors and 10 employees/administrators for surveys and interviews, ensuring representation from each group.
- 2. Research Instruments - Surveys and questionnaires will gather quantitative data on user satisfaction, system usability, and security perception using Likert scale questions. Interviews and focus groups will provide qualitative feedback on user

<p>experience, challenges, and improvement suggestions. System analytics and performance logs will track metrics like response time, downtime, security incidents, and user behavior to assess system performance and usage.</p> <ol style="list-style-type: none">3. Data Collection Strategy - In the Pre-Implementation Phase, data on current appointment scheduling methods and challenges will be gathered through interviews and observations, and user expectations will be documented. During the Implementation Phase, surveys will assess usability and satisfaction, while system performance will be monitored. In the Post-Implementation Phase, follow-up surveys and interviews will evaluate long-term satisfaction and efficiency, and focus groups will assess the effectiveness of collaborative tools and task management.4. Study Design and Methodology - The Mixed-Methods Research Design combines quantitative methods (surveys, performance logs) and qualitative methods (interviews, focus groups). Quantitative analysis will use descriptive statistics to assess user satisfaction and system performance, while qualitative analysis will employ content analysis to interpret user suggestions for system improvements.5. Data Treatment and Analysis - Data cleaning will ensure the accuracy and consistency of survey and system log data, addressing incomplete responses and outliers. SPSS will be used for quantitative analysis, and Google Analytics will track system usage and performance. Findings will be presented through graphs, tables, and charts, with a comparative analysis of operational efficiency and user satisfaction before and after implementation.6. Ethical Consideration - Informed consent will be obtained from all participants, ensuring confidentiality and anonymity. Participants will be informed of their right to withdraw at any time, and ethical approval will be secured from the relevant Institutional Review Board (IRB).
<p>VIII. Population, Respondents, and Sample Size for Quantitative Research Include the population of the study and indicate the number of respondents.</p> <p>Participants for Qualitative Research Indicate the participants of the study.</p> <p>The total population of this study is 25. We carefully use a margin of 10% error in the data analysis to account for potential variability. The respondents for this study are carefully selected stakeholders who are directly involved in the management operations and utilization of the proposed Web-based Project Management for the Equalizer Builders and Technologies Corporation catering a total of 20 respondents using the formula. The respondents were selected to make sure a balanced representation of the main users involved in the management process.</p> $N = \frac{25}{1 + 25(0.1)^2} = 20$ <ol style="list-style-type: none">1. Investors - play a key role in EBTC's decision-making and financial planning, focusing on operational efficiency and profitability. Their feedback offers valuable insights into business growth, cost management, and organizational effectiveness. Five investors were selected to provide strategic and financial perspectives for this study.2. Employee - including project managers, field representatives, and administrative staff, are directly involved in day-to-day operations and project management. They use the system's features like task assignment, collaboration tools, and time tracking. Their feedback is essential for assessing the system's usability, task management, and collaboration efficiency. Ten employees from various roles were selected to provide diverse insights on the system's impact on productivity and workflow.
<p>IX. Sampling Technique for Quantitative Research Present the sampling technique for quantitative.</p> <p>Criteria of Participants for Qualitative Research Write the criteria for choosing participants.</p>

We will be using simple random sampling to save time and resources. This method ensures that every individual in the population has an equal chance of being selected, reducing selection bias and improving the reliability of the results.

X. Research Instrument and Validation for Quantitative Research

Describe the details of the questionnaire or Interview/FGD Questions.

Interview/FGD Questions for Qualitative Research

Describe the details of the Interview/FGD Questions.

The primary research instrument for this quantitative study is a **structured questionnaire** designed to gather feedback from the respondents on the proposed **Web-Based Project Management and Appointment System** for Equalizer Builders and Technologies Corporation (EBTC). The questionnaire is divided into the 5 sections.

1. Demographic Information

Collects basic information about respondents such as age, job role, years of experience, and familiarity with digital tools.

2. System Usability and Functionality

Questions assessing the perceived ease of use, accessibility, and functionality of the web-based system.

3. Efficiency and Productivity

Questions focusing on the system's ability to enhance operational efficiency and reduce scheduling conflicts.

4. Client Interaction and Communication

Questions measuring the impact of the system on client satisfaction and communication effectiveness.

5. Overall Satisfaction

Measures overall satisfaction with the system's performance, reliability, and usability.

XI. Statistical Treatment of Data for Quantitative Research

Indicate the statistical tool of the study.

Data Analysis for Qualitative Research

Indicate how the study will be analyzed.

Descriptive Statistics: This tool will be used to summarize and describe the characteristics of the data collected, such as the mean, standard deviation, frequency, and percentage distribution of responses.

5 Point Likert Scale

Rating	Scale	Verbal Description
5	4.21 - 5.00	Strongly Agree
4	3.41 - 4.20	Agree
3	2.61 - 3.40	Neutral

2	1.81 - 2.60	Disagree
1	1.00 - 1.80	Strongly Disagree
XII. References (Main Themes Only)		
Indicate the main references of the study.		

panelZeynep Duygu Tekler a, a, b, Highlights•A novel IoT-based occupancy-driven plug load management system is proposed. •Plug loads are automated based on occupancy, AbstractPlug load management systems are touted as promising solutions to reduce the rising energy consumption of plug loads in commercial buildings through different load monitoring and control strategies., NaylorS.

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Accomplished by:

RAIREN C. SERRRANO

Signature over printed name

2/19/2025

Date submitted

To be filled by the UMREC Secretariat

Completeness of Document

☐ Complete
☐ Incomplete

Remarks

Date Received

Received by

(place stamp here)



UNIVERSITY OF MAKATI
J.P. Rizal Extension, West Rembo Makati City

College of Computing and Information Sciences

Survey Questionnaire

Dear Respondent,

We are conducting a study to develop a web-based project management and appointment system for **Equalizer Builders & Technologies Corporation (EBTC)**. Your responses will help us evaluate and improve the system. Kindly answer the following questions honestly. All responses will be kept confidential. We would like to invite you to participate in our ongoing study and rest assured that all the information that you will provide will be treated with the utmost confidentiality.

I hereby give my consent for my personal data that I may provide to this site to be collected and processed in the manner permitted under Republic Act 10173, also known as the "Data Privacy Act of 2012".

☐ I agree

Directions:

Please read the following questions carefully and choose the response that best shows your agreement.

- 5 Strongly Agree** - You completely agree with the statement.
- 4 Agree** - You generally agree with the statement.
- 3 Neutral** - You are torn between agreeing and disagreeing in the statement.
- 2 Disagree** - You generally disagree with the statement.
- 1 Strongly Disagree** - You completely disagree with the statement.

PART 1: Demographic Profile:

- 1. What is your position at EBTC?
 - Manager
 - Supervisor
 - Staff
 - Field Representative
- 2. How many years have you worked at EBTC?
 - Less than 1 year
 - 1-3 years
 - 4-6 years
 - More than years
- 3. How familiar are you with digital tools for work?
 - Not familiar
 - Somewhat familiar
 - Familiar
 - Very Familiar

PART 2: Current work Process:

- 4. How often do you encounter issues with management (e.g.. delays, miscommunication)?
 - Never
 - Rarely
 - Sometimes
 - Often
 - Always
- 5. How effective are the current methods for scheduling client appointments?
 - Very ineffective
 - Ineffective
 - Neutral
 - Effective
 - Very effective

Part 3: System Usability and Efficiency:

Using a scale of 1 (Strongly Disagree) to 5 (Strongly Agree), please rate the following:

Questions	5	4	3	2	1
6. The proposed system will make it easier to track project progress and deadlines.					
7. The appointment scheduling feature will reduce conflicts and improve client communication.					
8. Automated notifications and reminders will help streamline operations.					
9. Secure data storage will improve the organization and protection of records.					
10. The system is expected to enhance overall productivity and efficiency.					



Title of the Study: Web-Based Project Management System for Equalizer Builders and Technologies Corporation

Researchers:

University of Makati -Dr Jose P. Rizal Ext, West Rembo, Taguig, 1644 Metro Manila, Philippines

Marvin B. Lorico -mlorico.k11936392@umak.edu.ph

Rairen C. Serrano – rserrano.a62139296@umak.edu.ph

Joemaire Rizle T. Wayco – jwayco.k11936716@umak.edu.ph

Dear Participant(s).

Greetings!

We are developers of the Web-Based Project Management System for Equalizer Builders and Technologies Corporation (EBTC), currently working on its implementation to enhance the company's operations. As part of this initiative, we seek your input in completing a survey for our study titled "**Enhancing Business Operations at EBTC: A Digital Approach.**" Your insights will help us assess the company's readiness and the impact of digital solutions on streamlining project management and operational efficiency.

Thank you very much for your participation and valuable insights.

Purpose of this study:

The study aims to identify the digital tools used in EBTC's operations, assess the company's readiness to adopt a web-based system, examine the relationship between technology adoption and operational efficiency, and suggest features that can enhance project management and workflow.

Description of the Research:

As a participant in this study, you will be asked to share your insights, experiences, and suggestions regarding the implementation of the Web-Based Project Management System at EBTC. The primary respondents are EBTC employees, whose knowledge and readiness in adopting digital solutions will be assessed using a quantitative research approach. The study will focus on key departments involved in project management, operations, and administration.

Voluntary Participation:

Your participation in this study is entirely voluntary. Choosing not to participate will not affect your role, responsibilities, or any benefits you receive at EBTC. Additionally, your involvement in this study will have no impact on employee performance evaluations or assessments conducted by management.

Risks and Inconveniences:

The study presents minimal risk, primarily in terms of the time commitment required for the 30-minute data gathering. Participants may experience some discomfort, particularly if they are not accustomed to using digital tools in their work. If any questions feel uncomfortable or too personal, you are free to skip them or choose not to participate in the survey. Your comfort and consent are a priority throughout the process.

Potential Benefits:

Participants in this study will gain a better understanding of how the integration of digital tools can improve productivity and efficiency within EBTC's operations. By utilizing these tools, employees can enhance project management, streamline workflows, and improve overall performance. The insights gained will help inform the development of digital activities that can be effectively integrated into day-to-day operations at EBTC.

Reimbursements:

The respondents will not receive any amount of money as compensation but will receive a certificate as participant of the study.

Confidentiality:

No names or other identifying information will be used when discussing or reporting data. The investigator will safely keep all files and data collected in a secured Google Drive personally owned and will only be accessible to the researchers. The data collected from Google Forms will not be accessible to anyone other than the researchers. Confidentiality will be maintained to the degree permitted by the technology used. Your participation in this online survey involves risk like a person's everyday use of the internet.

Sharing the Results:

The results of this study will be presented at a conference relevant to digital tools in business operations. Following the presentation, the data will be used for publication, allowing other departments, companies, or institutions to utilize the findings to enhance their operational processes and improve overall efficiency.

Right to Refuse:

You have the right to refuse participation in the study or withdraw at any time without any consequences. You also can review your responses, provide feedback on the questions, and request to erase part or all your answers or notes. Your decision to participate, withdraw, or modify your responses will not affect your position or work within the company, and you will not incur any liabilities because of your choices.

Withdrawal from the Study:

You have the right to withdraw from study at any time, for any reason, without penalty or negative consequences. Your decision to withdraw will not affect your employment, position, or any other aspects of your work within the company. Upon withdrawal, you may request to have part, or all of your collected data, responses, or notes erased, and this will be done promptly. Your participation is entirely voluntary, and withdrawing from study will not result in any liabilities or impact on your relationship with the company.

Whom to Contact:

You may contact anyone from the researchers for some questions and clarifications. For further concerns on the ethical practice of the study, please send an email to umrec@umak.edu.ph

Authorization:

By signing this form, you authorize the use and disclosure of your records, any observations, and findings found during this study for education, publication and/or presentation.

CERTIFICATE OF CONSENT

I have read the foregoing information, or it has been read to me. I have had the opportunity to ask questions about it and any questions I have been asked were answered to my satisfaction. I understand that I will be given a copy of this consent form. I consent voluntarily to be a participant in this study.

Printed Name of Participant: _____

Signature of Participant: _____

Date: _____

I have accurately indicated the information sheet to the potential participant to the best of my ability and made sure that the participant understands that the following will be done:

1. Carefully read and agree on the content of the informed consent form
2. Participate in the study conducted by the researchers subject to a voluntary clause
3. Publication of the data in the journal for dissemination may be done

I confirm that the participant was given an opportunity to ask questions about my study, and all the questions asked by the participant have been answered correctly to the best of our ability. I confirm that the individual has not been coerced into giving consent, and the consent has been freely and voluntarily.

A copy of this informed consent form has been given to the participant.

Printed Name of Researcher/s: _____

Signature of Researcher/s: _____

Date: _____

Printed Name of Researcher/s: _____

Signature of Researcher/s: _____

Date: _____

Printed Name of Researcher/s: _____

Signature of Researcher/s: _____

Date: _____



UNIVERSITY OF MAKATI
J.P. Rizal Extension, West Rembo Makati City

College of Computing and Information Sciences

ENDORSEMENT LETTER

January 28, 2025

Prof. MARK PHILIP C. PADERAN, M.A. LIT.
Chairperson
University of Makati Research Ethics Committee

Dear Members of the Research Ethics Committee,

I am writing to endorse a dedicated group of capstone students from the College of Computing and Information Sciences (CCIS) who are seeking approval to conduct their research project titled **“Web-Based Project Management System for Equalizer Builders and Technologies Corporation.”** As their Course Adviser, I have had the privilege of witnessing their commitment, diligence, and passion for academic excellence throughout their academic journey.

The following students will be involved in this research endeavor:

Marvin Lorico- K11936392

Rairen Serrano – A62139296

Joemaire Rizle Wayco – K11936716

They will be guided and supervised by the Course and Technical Adviser, whose expertise and experience make them an invaluable resource for this research undertaking.

The primary purpose of this study is to develop a safe Web-based Project Management System for Equalizer Builders and Technologies Corporation that will make operations run more smoothly and data handling better. It is a well-structured and ethically sound research proposal that aligns with the academic standards of the University of Makati. The students have been oriented in research ethics and methodology to ensure the responsible and ethical conduct of their research. I have full confidence in the capability of these students to conduct their research with utmost professionalism and integrity. They have consistently demonstrated their dedication to academic excellence, and I believe that their work will make a significant contribution to their respective fields of study.

I kindly request the Research Ethics Committee to grant the necessary approval for them to proceed with their research project. Your consideration and support for their endeavor will be greatly appreciated.

Should you require any additional information or documents, please do not hesitate to email me at **michael.olivo@umak.edu.ph**.

Thank you for your time and attention to this matter. I am confident that these students will uphold the ethical standards of research and contribute to the academic excellence of the University of Makati.

Very truly yours,

MICHAEL O. OLIVO

Course Adviser, Capstone 1
College of Computing and Information
Sciences University of Makati



College of Computing and Information Sciences

December 3, 2024

MR. VALENTIN O. JATIVA JR.
Chief Executive Officer
Equalizer Builders and Technologies Corporation
44 Lot 4 Xyris Street
Brgy. Pembo, Taguig City

Dear Mr. Jativa:

Greetings!

We are the students of the College of Computing and Information Sciences in the University of Makati taking up **Bachelor of Science in Information Technology (Information and Network Security Track)**. We would like to seek permission to conduct a study in your organization for the possible development of **IT Systems and develop a M.I.S and WebSystem** as part of our Capstone Project 1 course requirement.

In this regard, may we request to interview you or any available staff that could provide useful data for our study. Rest assured that the data will remain confidential and be used for academic purposes only.

Looking forward to collaborating with you on this matter.

Thank you.

Sincerely yours,


Ralene C. Serrano


Joemarie Rizzle T. Wayco


Marvin B. Lorico

Noted by:


MICHAEL C. OLIVO
Course Adviser, Capstone Project 1

Approved by:


EDGARDO T. CRUZ, MIT
Program Director, IT Program


JOEL B. MANGABA, D.T.
Dean, CCIS

Conforme:

On behalf of the organization, I allow these students to conduct the research.


MR. VALENTIN O. JATIVA JR.
Chief Executive Officer





UNIVERSITY OF MAKATI

J.P. RIZAL EXTENSION, WEST REMBO MAKATI CITY

COLLEGE OF COMPUTING AND INFORMATION SCIENCES

REVISIONS APPROVAL Summary of Comments and Suggestions



Program	BSIT Major in Information and Network Security	Year/Section	IV - CINS
Project Title	WEB-BASED PROJECT MANAGEMENT SYSTEM FOR EQUALIZER BUILDERS AND TECHNOLOGIES CORPORATION		
Researchers	Rairen C. Serrano	Joemaire Rizle T. Wayco	
	Marvin B. Lorico		

Panel Member	Comments and Suggestions	Approval Signature and Date
Prof. Lilibeth Arcalas	<ol style="list-style-type: none">Web Application<ol style="list-style-type: none">Focus on Project ManagementShow Team CollaborationAdd Security FeaturesAdd Error HandlingDocuments<ol style="list-style-type: none">Enumerate sub modules of the Objectives.Hierarchical ObjectivesParaphrase some Titles	 Jan. 17, 2024
Prof. Jomariss Plan	<ol style="list-style-type: none">Web Application<ol style="list-style-type: none">Show Team CollaborationDifferent section between short term and long-term contractNotification completion to proceedCommunication Ideas, Share through comments	 Jan. 20, 2025




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	2. Documents a. Enumerate sub modules of the Objectives b. Hierarchical Objectives	
Prof. Edgardo Cruz	1. Web Application a. Focus on Project Management b. Error Handling c. Implement Role-Based Access Control 2. Documents a. Enumerate sub modules of the Objectives b. Clarify the Background of the Study c. Make Chapter 3 more detailed	 1/21/24
Technical Adviser: Prof. Raul De Vera		 JAN 21, 2024

Noted by:


Assoc. Prof. Michael C. Olivo
Course Adviser