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UTILIZATION AND ACCEPTABILITY OF ONLINE INFORMATION MANAGEMENT SYSTEM

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CONTEXT AND RATIONALE

Technological progress has accelerated over the last few decades, and this progress has had a profound influence on how people live, work, and learn. With the advent of the Internet, it has become increasingly important for organizations and institutions to establish an online presence in order to reach a wider audience and provide more accessible and convenient services.

Building a website has become an important step in ensuring that schools provide up-to-date and relevant information to their students. A school website can serve as a hub for all school-related activities, such as announcements, and access to learning resources. Additionally, the website helps teachers, students, parents, and administrators communicate more effectively, streamline administrative processes, and increase overall efficiency.

In this context, the Aplaya National High School – Annex utilized the Online Information Management System (OIMS) to aid in distance learning. However, even after the country resumed full face-to-face classes, the OIMS continued to be used. It serves as an online archive for school memoranda and related documents, provides downloadable learning materials, and has an SMS service that notifies teachers when a new announcement or memorandum is uploaded. Nevertheless, before considering the benefits of a school website, it is crucial to ensure that it is usable and accepted by its intended users.

The purpose of this research is to examine the efficiency and approval of the OIMS through testing its usability and acceptability. The study aims to recognize any difficulties encountered during its implementation and assess its effectiveness in facilitating communication, access to learning resources, and streamlining administrative processes. It is important for the school administration to ensure that the OIMS is user-friendly for both teachers and students to maximize its benefits. The findings of this study will aid the school administration in enhancing the usability of the OIMS. This improvement can enhance the efficiency of the school's administrative processes, create a more accessible and convenient learning environment, and improve the overall learning experience for all stakeholders.

Action Research Questions

This study aims to determine the usability and acceptability of the Project Online Information Management System (OIMS) in Aplaya National High School -Annex.

Specifically, sought to answer the following questions:

1. What is the extent of utilization of OIMS in improving school governance in terms of:
    - 1.1 content
    - 1.2 relevance
    - 1.3 suitability
    - 1.4 usability
2. What is the level of acceptability of OIMS in terms of:
    - 2.1 content
    - 2.2 serviceability
    - 2.3 applicability
3. What are the advantages and disadvantages of OIMS in improving school governance?
4. Based on the results, what enhancement may be proposed to improve its performance?

Proposed Innovation, Intervention and Strategy

To improve the implementation of the Online Information Management System, an enhancement program will be conducted to evaluate its effectiveness on the school's administrative processes and learning outcomes. This program will assess the system's usability and acceptability among the school's stakeholders, particularly the students and teachers, and identify any challenges encountered during its implementation. The evaluation results will be used to enhance the system's features and ensure that it is user-friendly and easy to navigate. This will ultimately improve the overall efficiency of the school's administrative processes, provide a more convenient and accessible learning environment, and enhance the learning experience for all its stakeholders.

Action Research Methods

Data will be gathered through various methods, including surveys, interviews, and observation. Surveys will be distributed to teachers and students to gather their feedback on the usability and effectiveness of the OIMS. Interviews will be conducted with school administrators, support staff, and selected teachers to gain a deeper understanding of the implementation process and any challenges encountered. Observation will be used to gather data on how the OIMS is

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being used in the classroom and how it affects the learning outcomes of students.

A. Participants and/or other Sources of Data and Information

The participants of this study will be the teachers and students of Aplaya National High School – Annex. The school administration and support staff who are involved in the implementation of the OIMS will also be included. Other sources of data and information will include school records and documents, such as memoranda and reports, as well as the OIMS website and other related online resources.

B. Data Gathering Methods

Data will be gathered through various methods, including surveys, interviews, and observation. Surveys will be distributed to teachers and students to gather their feedback on the usability and effectiveness of the OIMS. Interviews will be conducted with school administrators, support staff, and selected teachers to gain a deeper understanding of the implementation process and any challenges encountered. Observation will be used to gather data on how the OIMS is being used in the classroom and how it affects the learning outcomes of students.

The research will include ethical considerations to ensure that the participants' data privacy is protected. The researcher will comply with the ethical guidelines set by legal rules and seek permission from the Office of the School Principal to conduct the study. The participants will be informed through letters and e-mails about the data collection process, which will be carried out at a specified time without affecting their schoolwork. The participants' identities will remain anonymous throughout the study, and the data collected from them will be kept confidential.

The collected data will be analyzed using both qualitative and quantitative methods. Qualitative analysis will be used to evaluate the open-ended responses in the surveys and interviews. Themes and patterns will be identified, and these will be used to gain insight into the participants' experiences with the OIMS. Quantitative analysis will be used to analyze the survey data and determine the frequency and percentage of responses to specific questions. Descriptive statistics will also be used to summarize the data.

The results of the data analysis will be used to identify the strengths and weaknesses of the OIMS implementation and inform the proposed innovation, intervention, and strategy to enhance the system.

C. Data Analysis Plan

Action Research Work Plan and Timelines

ACTIVITIES *Shade the corresponding month per activity* *Add rows if necessary*	**Month 1**	**Month 2**	**Month 3**	**Month 4**	**Month 5**	**Month 6**
1. Seek permission from School Head to conduct the study						
2. Validate the researcher-made questionnaire						
3. Conduct research and Administration of the survey using the validated research questionnaire.						
4. Plan activities/ actions based on the result of the action research.						
5. Develop an intervention program for the system based on the result of the action research.						
6. Plan for the implementation of the developed intervention program for OIMS.						

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Plans for Dissemination and Utilization

DISSEMINATION ACTIVITIES *add rows if necessary*	**Month 1**	**Month 2**	**Month 3**	**Month 4**	**Month 5**	**Month 6**
1.Inform the ANHS-Annex personnel for the results of the study.						
2.Use the online evaluation tool in reviewing or assessing Project OIMS.						
3.Results of the status on the implementation of the Project OIMS.						
4. Evaluation of the effectiveness of the Project OIMS.						
5. Recommendation for the sustainability of the project or for enhancement activity program.						

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