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RESEARCH TITLE JUSTIFICATION

Date	Aug/14/2024	Group No.	2	Course/Strand	BSIT
Researcher(s)	Leader: Ej jay Lacaran Member(s): Jenessa Ocay Jake Castillon Rylvin Celnar D. Tiempo John Lester Salacores				
Research Goal(s)	This system aims to enhance efficiency, reduce paperwork, and provide a centralized platform where all stakeholders can track the progress of theses in real time. By digitizing the workflow, the TRS will facilitate timely feedback, ensure compliance with academic standards, and support the overall academic management within the institution.				

1. Research Title

WEB-BASED THESIS ROUTING SYSTEM FOR SAINT MICHAEL COLLEGE OF CARAGA

2. Narrate results of stakeholders' interviews to support existence of the problems for research.

Based on the interview, the stakeholder expressed the need for an automated and budget-efficient Thesis Routing System. This system would eliminate the need for students to print multiple copies of their thesis; instead, they would upload their work to the system, where it would be systematically reviewed.

3. Briefly cite authors and their statements to support your problem with are your compelling reasons for the study.

- 3.1. Cite Literature that shows the study has International relevance.

A web based system is define by Eid (2008) as web site that acts as a multi sources or single source for all information on a specific domain it offers the user a broad array of information, arranged in a way that is most convenient for the user to access. Here web portal can be a medium point for the students and teachers to retrieve and store various information and resources. Where stated by Norfadilah and Dismas, 2006 a web based or automated system can help provide a more efficient in any data processing especially for a system that involves a lot of data collection and retrievals.

- 3.2. Cite the Literature that shows the propose study's Local relevance.

According to TechTarget (2023), web-based systems do not need to be downloaded since they are accessed through a network. Users can access a web-based system through a web browser, such as Google Chrome, Mozilla Firefox, or Safari. For a web-based system to operate, it needs a web server, application server, and database. Web servers manage the requests that come from a client while the application server completes the requested task. A database stores any necessary information.

4. As per literature, discuss how the problem can be solved.

Web-based Systems, offer a flexible and efficient way to access information and perform tasks without the need for local installations. These systems operate through a web browser and rely on a combination of servers and databases to function effectively.

5. List bibliographic entries of scientific articles that support on your title.

TechTarget. (2023). What is Web Application (Web Apps) and its Benefits. Retrieved from TechTarget. This article defines web applications, emphasizing that they are accessed through a network and do not require downloading, while detailing the roles of web servers, application servers, and databases in their operation.
TechTarget. (2023). What is Web Application Development? | Definition from TechTarget. This source elaborates on web application development, highlighting the necessity of web servers, application servers, and databases, and discusses the programming languages typically used.
Eid, M. (2008). Web-based systems as multi-source or single-source information portals. This work defines a web-based system as a website that provides a comprehensive array of information in a user-friendly format, serving as a resource for both students and teachers.
Norfadilah, A., & Dismas, A. (2006).

6. Mention the Department Research Agenda where your proposed title belongs.

Digital Libraries and Repositories
Information Behavior and Decision-Making
Data Quality

REA MIE 8/20/24
A. OMAR

Member:

UPDATE