DEVELOPING WEBSITE FOR MANAGING STUDENT IN ENTERPRISE PROGRAM (SIEP) IN FACULTY OF ARCHITECTURE AND EKISTICS

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Highlights: The following study will explore the development of a website that was used to manage data and delegate student work for grading due to the large volume of submissions. The websites that have been developed allow lecturers to effectively manage student progress and submissions in a central place so that they can track their student's progress, especially during the pandemic.

Keywords: web application in education, online learning, website development, teaching materials, database in teaching and learning

Introduction

During the Covid-19 epidemic, online learning has become the primary method of instruction. Lecturers are compelled to create content and communicate with students in their classes using web-based technology. In many university courses, tools such as the Learning Management System (LMS) and various authoring tools are heavily utilised to organise and plan teaching and learning activities (Abdulrahaman et al., 2020). This research will look at how websites and web-based technologies may be used to improve the experience of teaching and learning in the setting of a comprehensive course that includes virtually all of a faculty's students. We take into account the system's design and any other factors that must be taken into account to fulfil the objectives and goals of teaching and learning activities (Cook & Dupras, 2004). We also discussed the many web tools that may be utilised and how they can be integrated with the website that has been built. The findings from the website's usability would help us to learn about the methodology's limitations, opportunities, and potential for managing students' activities throughout the Student in Enterprise Program course. The implications are reviewed and the feasibility of such initiatives in improving student and lecturer engagement while navigating such a challenging course.

Content

1. Description

    By providing students and lecturers with a one-stop platform, the websites built would allow lecturers to monitor student activities and progress submissions through specific sites. The website would also make it easier for students and lecturers to share materials, particularly in the form of digital reports and papers (Schindler et al., 2017). All of the activities are recorded in one unified system for easier management. The activities involved are as follows:
    - Students need to register for their placement in an enterprise. This registration needs to be approved by lecturers.
    - Upon approval, the faculty needs to produce a letter to the company to officially inform the students' intentions and course requirements.
    - Students then need to continue their training in their respective companies while maintaining a log.
    - When students completed their training, they need to submit reports, logs and evaluations from the companies.
    - From the submission, the lecturers need to grade the students' works. All the grades, then, would be processed by the coordinator.

2. Background

    The course involves is SGT 4212 Student in Enterprise Program (SIEP). This course requires the coordinator to manage almost all the students and the lecturers in the faculty. Moreover, the course is based on two modules that the student needs to register and complete to get grades.

3. Why Are They Important?

    Previously a lot had been done to address the need for a proper dashboard or place for all materials in the online teaching and learning experience. However, the need to manage an extensive amount of materials in this course has provided some insight into how to manage and create a system that can be used in such a situation.

4. Advantages

- Allow faster sharing between students and lecturers.
- Allow faster tracking of student progress
- Unified database for all activities and course needs, giving insights on how all parties can tackle the course.

References

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