Enhancing Teaching and Learning Through eLEAP: UNIMAS's Path to Technological Innovation

Rohana Sapawi, Kartini Abd Ghani, Nur Tahirah Razali, Asrani Lit, Maimun Huja Husin

Universiti Malaysia Sarawak

Learning Management Systems (LMS) have become indispensable tools in the field of education, enabling the seamless delivery, management, and assessment of learning activities across diverse learning environments, including traditional classrooms and online platforms. This paper delves into the transformative potential of LMS in driving technological innovation in education, with a specific focus on the utilization of E-Learning Enrichment and Advanced Platform (eLEAP) by Universiti Malaysia Sarawak (UNIMAS) in its teaching and learning practices. This paper sheds light on how UNIMAS leverage eLEAP as catalysts for teaching and learning. Moreover, it provides an insightful overview of how lecturers at UNIMAS and beyond utilize eLEAP platforms to streamline their teaching methods, track student progress, and adapt instructional strategies to meet individual learning needs. Furthermore, an exploration of the influence of eLEAP on student engagement, collaboration, and the cultivation of personalized learning experiences within the UNIMAS community will be discussed. Embracing eLEAP as vehicles for innovation empowers lecturers in UNIMAS to harness the full potential of technology, thereby creating dynamic and effective learning environments that equip students with the skills and knowledge needed to thrive in the 21st century.

ThIEsisIT: Development of an IOT-based Management System for the Automation of Research Archiving

Noime B. Fernandez, Earl Jaison, Jeneceil M. Cogollodo, Rommel Dela Cruz, Judith Rivamonte, Noime Fernandez

Adamson University

The researchers aim to develop a web-based thesis archive management system to address the challenges of manual and digital archiving methods in departmental libraries. They identified factors such as cost, maintenance, storage, accessibility, searching, browsing, retrieval, preservation of resources, and physical factors. The system should store student theses and project documents, provide a database for easy searching, retrieval, and tracking, and be accessible over the internet to minimize processing time. A quantitative research method was used to gather data on usage patterns and behavior of library staff and users. The researchers used online surveys, questionnaires, and secondary data analysis to understand user experiences and make data-driven decisions.

Demand for Digital Skills for the Accounting and Finance Profession: Evidence from Company Job Advertisements for College Students

Man Kwong Leung, Sunny Sun, Shaojun Zhang

The Hong Kong Polytechnic University

This paper contributes to nurturing finance and accounting talents for the real world through a comprehensive analysis of the relevant job advertisements in recent years, providing up-to-date information for curricula development and education that meets employers' expectations. We achieve a deeper understanding of current labour market demand by examining job vacancy advertisements that were posted on an online job board for college students during 2018-2023. Specifically, we find that the percentage of the advertised accounting and finance jobs that explicitly require digital skills increased from 10.2% in 2018 to 16.9% in 2023. By examining accounting and finance jobs separately, we find that the percentage increased from 4.5% in 2018 to 9.3% in 2023 for accounting jobs but has fluctuated between 16.2% and 28.0% over the years for finance jobs. Three digital skills, namely, VBA, Python, and SQL, always appeared at the top of skills in demand in all the years, while the skills for data science and visualization became increasingly important over time. Overall, our findings shed new light on employers' demand for digital skills in the fast-changing labour markets for the accounting and finance profession.