DEVELOPMENT OF ONLINE GRADUATE TRACER SYSTEM WITH DATA ANALYTICS

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Abstract

Universities systems around the world are increasingly recognizing the importance of gathering information about (and from) their graduates to assess and improve institutional quality, monitor employment outcomes, adapt old, and develop new, curriculum and influence institutional performance management systems. The researcher conducted a study about a web-based graduate tracer study to trace the CCS alumni employment Status, alignment of job, and job whereabouts, collect the high rate of data collection from alumni using an online-based website for alumni records. The project analyzes alumni job employment history if aligned with the Bachelor's degree status for curriculum development, and create a productive and accurate way (0 collect alumni whereabouts/ records. The website can generate/ provide data analytics through charts. The researcher used descriptive research to summarize quantitative data collection using descriptive statistics and surveyed the selected Computer Studies alumni from 2010 to 2017. The study focuses on the alumni records with project website integration. Using the applied research and development (R&D), she created a website for collecting detailed data information. Based on ISO 9126 website evaluation, the criteria on portability ranked as the highest with a 4.31 weighted mean, while the criteria for the efficiency of the website project rank as the lowest with a weighted mean of 4.17. The result of the evaluation of the Alumni Graduate Tracer with Data Analytics showed that the developed system has achieved its functional requirements in applying the modern way of saving information and performing analytics. Since the website project started less than a year, the ISO 9126 efficiency of the website ranks the least.