ABSTRACT

This software development was drawn from the desire to put into practice the digital instructional materials for faculty and students of Capiz State University, (CapSU). This system was designed and developed using Hypertext Preprocessor (PHP) and Structured Query Language (SQL), at CapSU Pontevedra campus during the school year 2018-2019. This software has the following objectives: (1) design and develop the following system features: (a) design a security feature that will ensure that only authorized users can access the system; (b) develop a database management system that will manage digital instructional materials syllabi, workloads of faculty of Computer Education Department; (c) design an interactive module feature for feedback mechanism and downloading of lessons; (d) design a query feature that can be used to search items based on the entered criteria; and (e) generate a feature that can be used to produce hard copies of reports for future references; (2) determine the acceptability level of Web-Based Databank of instructional materials by the students and faculty of BS Computer Science: (a) product Quality; and (b) quality in use. This study helps the faculty and students to simplify their work and eliminate the hassle of writing manually while it is continuously offered in the electronic format. The end result of this study which is the computerized databank of instructional materials is indeed a must. The acceptability level through the use of the standard questionnaire shows that the system was highly accepted by the respondents.