Abstract

This project study aimed to develop a solution that will integrate the latest ICT technologies, carefully planned policies, procedures and dedicated people to design an accreditation exhibit repository for Higher Education Institution. Specifically, it aimed to identify the problems encountered in the traditional exhibit preparation and management. The researchers employed the descriptive-developmental research. This suits the situation since this kind of study focuses on the prevailing condition and assess changes over a period of time. For the software development, extreme programming where employed which is intended to improve software quality and responsiveness to changing stakeholder requirements. The researchers used different elicitation techniques such as interview, observation, survey, document analysis, and downloading of supporting materials. These are utilized in order to gather important information to support the project. There are different tools used to analyze gathered data such as use case diagram, entity-relationship diagram, database schema, sitemap, Ishikawa diagram (cause-and-effect diagram) and some statistical tools such as the use of frequency count and percentage. With the preparation and management evidences, the following problems were discovered: exhibits are presented in different sizes, kinds and formats; there is a large amount of evidences to be gathered; consolidation of exhibits from different sources and keeping all of its versions in-tack; duplication of evidences. Evidences might be needed in more than one
sub-criteria and/or section; and accessibility of exhibits. Not all evidence can be accessed by anyone. The developed Accreditation Exhibit Repository for Higher Education Institution will help solve the problems identified in the preparation and management of exhibits for accreditation purposes. The system was tested on its acceptability and it was found out that it may handle the rigorous task of handling accreditation exhibits during and after the accreditation visit by the accrediting body.

References


Index Terms

Computer Science

Information Sciences

Keywords

Accreditation  accreditation exhibit  repository  document management