

Role of Geospatial Concordance And Exams Through Learning Management System in The Education Sector

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Abstract: Nowadays, there are more web-based online exam systems are developed. Bearing in mind the increasing studies on the web based educational systems the present study has considered the role of geospatial concordance in the context of providing computer education. Additionally, this paper aims to identify and evaluate the existing online secure exam features, to generate questions based on difficulty and providing authentication for the generated question using Advanced Encryption Standard (AES) encryption, and to evaluate the proposed web-based system. The system is developed by using Hyper Text Markup Language (HTML) and PHP (Hypertext Preprocessor (PHP) language). The scope of this paper is based on a short structured question. The paper produced an online exam system that generates question-based on difficulty and secured the generated question using AES encryption. In the future, this system could be upgraded with different types of questions. Moreover, the study also revealed that the geospatial concordance is necessary and people do assign psychological meaning to them at different levels primarily dependent on the psychological and physical distance from them.

Keywords: Geospatial concordance, physical distance, Learning Management System