A Study of the Construction of An On-line History Examination and Learning Diagnosis System by using Ontology Technique

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ABSTRACT

The use of technical knowledge ontology of the properties, will be fragmented knowledge of history and the concept of meaningful information to describe the history of the case. This study will be the following five dimensions (5 W) to description: (1) (who): involved in the case history of the identity and role, (2) (what): In the history of the case under the relevant events, (3) (when): case history of the stage and point in time, (4) (where): The history of the case or the location of its participants in the relevant locations, (5) (why): This history The cause of the incident or reason. And in accordance with the concept of 5W and the domain (historical events) between the relevance of the association to create a difference in the degree of its dependencies, Test system as a reference for the answer judgment, analysis of learners tested after the main understanding of the concept by the history domain ontology and provide learners remedial advice, to further study the function of the diagnosis, and construct historical subjects diagnostic system.

Keywords : ontology ; learning disability diagnosis ; e-learning

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