

Project Title: Knowledge Clustering For Managing Digital Library Collection
Project No.: RG 013-09ICT
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Project Duration: 1 April 2009 – 31 March 2011
Amount Granted: RM 70, 000.00

Abstract:

With the volume of information available today, it is difficult to find accurate information that suits our learning needs. When a student seeks for information on a particular subject, he looks at all possible information sources such as books, articles, and journals and ends up with mountains of information. The problem is to find the right information for his needs. The material retrieved is often not suitable to student's learning behaviour and their level of knowledge. Important aspects on digital library, information literacy, information seeking, learning behaviour and information retrieval will be explored. This research employs a quantitative methodology through primary and secondary data collections including survey, interview, and gathering information from publications such as reports, journals and magazines. The methodology is divided into four stages which are literature review phase, analysis and design phase, implementation phase and final phase. The main objective of this research is to produce an information retrieval tool based on student learning behaviour. The expected output from this research are categorization of information presentation, a model for mapping student's learning behaviour with different types of information and a prototype of an information retrieval tool using the model above.