UNIVERSITI TEKNOLOGI MARA

MODELLING REPOSITORY OF MALAY WEAVING FOR IMPAK UiTM

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ABSTRACT

Malay weaving is one of the natural heritages that need to be preserved in order to ensure it still exist for future generations. It is an art that defined our culture, ethnics and also religious. However, nowadays Malay weaving seem to be forgotten by younger generations as they had lost interest in this art. The weaving process is very tedious and time consuming, thus required a very experienced weaver to produce a piece of weaving products. Since the number of weavers had been declined, initiatives need to be taken to conserve and maintained this art from diminish. Furthermore, the information related to Malay weaving are scattered in physical locations and it is hard for public to get access to the information. Therefore, the aim for this research is to develop a prototype with repositories to store all the information related to Malay weaving. By having an online repository, it will make it easier for publics and also heritage institution such as museum and art center to retrieve information on Malay Weaving products. There are three research objectives need to be achieved in order to complete the research which are; to gather requirements of Malay weaving, to model the ontology based on Malay weaving and to develop a prototype of knowledge repository of Malay weaving based on ontology model. The model will be constructed using Protege tools and the prototype will be developed using PHP and MYSQL.

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