

Universiti Teknologi MARA

**The Development Of Songket
Recommender (S-REC) Web Based
Application Using Knowledge Based
Filtering**

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ABSTRACT

The Songket motifs found in Malay textile art depict the journey and the history of the Malay people in creating their cultural identity. Songket is a Malay word which means to bring out or to pull a thread from a background cloth or to weave using gold and silver thread. Historically, the songket indicates a symbol of royalty, the rulers of the people in Peninsular Malaysia. For tourism purposes, the songket becomes one of the Malay symbols for tourism-related product representing multi-racial Malaysia in the eyes of the world.

The type of thread that are used is for example gold thread, silver thread and metallic thread. Survey method are divided into two categories which are interview and questionnaire. From the questionnaire conducted it can be concluded that majority of the user did not know the history making a songket. The objective of doing this system are to identify the requirement of development of Songket Recommender, to design the development of Songket Recommender based on requirement gathered such as interview that have been made and lastly, to develop of Songket Recommender based on the design constructed that have been finalize in storyboard and user interface. For this S-REC project system will involve three (3) users of the system which are the National Textile Museum, Researcher and also Society/Public User.

Based on the interview session that have been conducted, there are a few problems that can be conclude to overcome this problem. For example, in this era children do not interest learning traditional history by using brochure or template because of the extensive use of technology such as a smartphone and computer. To overcome this problem, Songket Recommender System is develop using web based platform. Combination of multimedia elements such as sound, image and text makes the user more interesting and attractive. Future works suggested are add more educational games into the application so user can learn and play the games to gain the knowledge.

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CHAPTER 1

INTRODUCTION

This chapter provide a general view of the research background and discussed the problem statement, research questions, research objective, research scope and their significance. The project background described the all overview of the issues that needed to be discussed. The objective of this project is what the project was trying to achieve.

1.1 Project Background

The art of Malay clothing through the traditional Songket in Malaysia represents the continuity of tradition and change with multiple cultural. Songket were adopted as a formal traditional clothing for Malay people in country, but its use also spread to the other ethnics group in Malaysian society such as Chinese and Indian communities from the times was introduced in Palembang. Their layout, motif of the songket and the technique that they use were brought to the overseas where they were adapted to the local culture.

In contemporary Malaysia, the population is formed form many ethics group, which include Malays, Chinese, Indian and other indigenous tribes. The term ‘Malay’ is refer to the dominant ethnics group that had settled prior to colonisation and immigration. The culture of wearing the songket is not restricted to malay people in Malaysia, but also is worn in neighbouring countries such as Indonesia, Singapore and Brunei. The term “traditional” refers to the wide spread technique of songket making design. These textile craft decoration skills are handed from generation to generation in family business.

According to Alan (2015) , users of online rating systems contribute rating and reviews of products (e.g Amazon , movies). The reason of effecting is that the