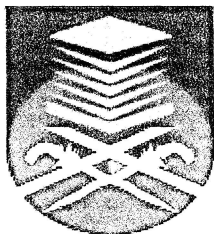


**CONTENT BASED IMAGES RETRIEVAL (CBIR) BY
USING COLOUR BASED PROPERTIES QUERY**

**The project thesis is presented as fulfillment for the award of the
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ABSTRACT

A database is a collection of information that is organized so that it can easily be accessed, managed, and updated. In one view, databases can be classified according to types of content: bibliographic, full-text, numeric, and images. Before CBIR developed, users are difficult to find the desired image in database because search based on naming only. Hence, this project has been created to develop images retrieval. Image retrieval system is one of the tools that can be used for searching and retrieving images from database of digital images. Generally, images features (colour, texture, shape) are extracted to represent the images. This system can retrieve image in database that are similar to the query image and apply matching technique to obtain the desired images. In preprocessing stage for the proposed CBIR system, features of images data that stored in the image database have been extracted and formed in the features vector and will be stored in feature database. Features colour images taken at each image will be used as basis to calculate the distance between the query images to the image database through a process of extraction. The project was developed by using a MATLAB software version R2009a and focused on colour image features and using a matching technique. This technique is called colour space technique. From this project, result shows that the average precision of distance image below 1.0 for all animal categories by using colour space technique is 54% while for the application of Electrical Engineering was 100%.

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