

ABSTRACT

Batik is a cultural heritage of the Indonesian people, which until now it can still be enjoyed both as an industrial requirement as a material provider clothing and a high-value art craft. With the uniqueness and variety of batik motifs that add variety to the beauty and artistic value of a batik cloth. The motifs of batik cloth that tend to be classic instead are combined with plain colored motifs. For small patterned batik can be combined with other patterned materials such as polka-dot or stripes. A bold combination of two different motives is a characteristic of the style of teenagers who dare to experiment. As for the era that is now growing, the batik motif itself has undergone many changes. Of course the use of various patterns of forms that are found can add to the uniqueness of the batik. As an example, utilizing the diversity of animals in Indonesia such as those on turtle shells. With the many types of turtle shell motifs, it can certainly add diversity, uniqueness and variety of batik motifs. In this Final Project, a Terrapene carolina turtle shell shape pattern has been developed into a batik motif which is assisted by the Random Walk method. And the results of the development of the batik motif will be implemented into an image in a web browser.

Keywords: *Batik, Animals, Terrapene carolina, Random Walk, Web Browser*