

ABSTRACT

Batik is one of the handicrafts originating from Indonesia. Indonesia has a lot of historical heritage that has been recognized by neighboring countries. One of them is batik. The rapid development of technology in Indonesia can be used as capital for the development of batik to be more attractive to citizens of Indonesia and even other countries. By using technology in developing new batik motifs.

Besides batik, Indonesia has a variety of interesting and unique animals. Seeing the many interesting uniqueness of these animals, it is suitable to be used as a new batik motif development. The type of animal that has been determined to be a new batik motif is the type of Birgus latro.

In this study, a design design will be carried out to develop batik motifs using web-based Birgus latro batik motifs. The development of this batik design uses crab motifs that have been implemented and need to be developed again.

Keyword: *Random walk, Web application, Web-based, Birgus Latro, Batik*