ABSTRACT

Indonesia has a various cultural heritage, one of them is a batik. Therefore we must preserve it. One of the method is by exploring new patterns for batik. We can be inspired by various forms of objects, animals and even plants to be used as batik patterns. For this research, the pattern used for batik comes from the pattern of plant species. We will use a web-base application to help develop those new patterns.

There are various types of plants in the world and each form has its own uniqueness. By seeing those many unique shapes of various types of plants, it is worth to develop them into new batik patterns. The type of plant to be used in this final project as a new batik motive comes from Pine Casuarina.

In this study, the development of batik designs by using web-based application has been done with the inspiration for the pattern come from the pattern of Pine Casuarina. Development of batik designs using plant patterns that has been implemented need to be further developed.

Keywords: Application, Batik, L-Systems, Web, Web-Based.