Abstract

Clothing Fashion is a basic need that humans always use every day. Clothing is used by humans as a protector and as a body covering. But along with the development of life, Fashion are used as symbols of position, status, position and as clothes for activities. Therefore various types of clothing ranging from clothing for sleeping to clothes for work. A classification system is needed in order to be able to categorize clothing especially for e-commerce and others. In the system that we designed, it consists of three stages including: Preprocessing, Feature Extraction and Classification. At the Preprocessing stage the data will be resized and then converted to grayscale. Then in the image extraction feature will be processed with LBP or Local Binary Pattern after that the image will be in 2, namely training images and images for testing. The image for the training will be added to the ANN model, the ANN model will learn from the training data to find patterns in the data. After the training stage is completed the image will be tested to determine the accuracy of the data that has never been studied by using test data as an image test that will be identified. Reach 96.38% accuracy.