abstract

Vehicles are means of transportation that are made by humans, which are moved by humans and machines. Currently, the number of vehicles is increasing, making it difficult to get data on these vehicles. The final project contains how to build a system for classifying vehicles based on the distance between the front tires and the rear tires. The classification method used is a decision tree. In addition, how accurate is the classification method used for classification based on the distance of the front tire to the rear tire in order to get more effective results. In this study, there are several system designs that have been built, namely training data and vehicle classification processes based on the distance between the front tires and the rear tires using the decision tree method. The results of this study obtained an accuracy for the decision tree method of 77.2%.

Keywords: axle, classification, vehicle, decision tree.