ABSTRACT

Indonesian fisherman is difficult to operate and use smartphones. Doing manual input via a smartphone will take time and not all users (Fishermen) can do it. To solve this problem, the authors decided to implement image classification to simplify the process of inputting fish. To make this feature a literature review is needed related to image classification and software engineering methods. Besides, image data that was taken to represent the image of fish and its types will be used in this final project. The results of the implementation of this final project were tested using the blackbox method and got the application running well by its functionality 100% successful, and the image classification model got an accuracy of 78.76% based on the average of the confusion matrix.

Keyword: Artificial Intelligence, Image Classification, Mobile App