Universiti Teknologi MARA

Fish Classification Using Machine Learning

Ahmad Syahmi bin Shahriman

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DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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AHMAD SYAHMI BIN SHAHRIMAN

2020994875

JULY 1, 2021

ABSTRACT

Fish classification may be identified manually from its characteristics such as the scale of the fish, shape of the head of a fish, the size of tail, the size of the body and more, which can be confusing to non-professional people. The purpose of this project is to assist people that are non-expert, to identify the type of fish based on the image given to the project. The project will consist of a fish dataset of commonly sold fish in Malaysia. The user is able to use the application which is available for the Android operating system, and able to detect the type of fish the user has given to the application. The other purpose of the project is to educate people about fish, as most people in Malaysia lack of knowledge about fisheries.

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