

## ABSTRACT

Indonesia is one of the country's largest producer freshwater fish in the world. because of that, many people in Indonesia have a hobby to raise freshwater fish. One a popular freshwater fish in Indonesia and abroad is a arowana fish. There are several types of arowana fish are known to the public, there is Brazil Irian, Green, Banjar Red, Golden Red and Super Red. Of some type, Super Red arowana the most famous for arowana for an attractive appearance and unique and expensive prices. Seeing the potential of the arowana fish, many companies are expanding culture arowana for sale to international markets.

In this case there are some disadvantages, because in determining the quality of the arowana is still a few experts who are experts in the field. Solutions for this problem is by making a application identification arowana fish using expert system In this application will do the design of the system, how to identify arowana golden fish, with expert system with certainty factor method.

Keyword : *Artificial intelligence, Android Application, Arowana, forward chaining, certainty factor Golden Arrowana*