# ABSTRACT

*Snapper production in indonesia is still largely produced from catching on the sea, and only a few that have been in the produce of the maintenance (cultivation). One of the factors that impede development during cultivation Snapper in indonesia is still the difficulty of procuring seeds continuously in a sufficient quantities. At the time of the cultivation of snapper there are some problems faced by fishfarmers, one being how to diagnose whether the fish is infected with a diseaseor not. The cause of the illness as a parasite which clings to the fish, changes in pH is too low, the lack of oxygen and water temperature changes suddenly. It all has the solution in its relief and this can only be done by an expert in their field. In this research will be made to image processing Applications to diagnose diseases of the Android-based Snapper in order to help farmers snapper to view information about diseases of the snapper as well as the solution. Applications designed using the object approach using UML, the results of the testing applications made, this application is able to provide information about the disease snapper and provide solutions to overcome them.*

*Keywords: snapper, image processing, Android.*