Abstract

Indonesia is a maritime country which has an area of about six million square miles, 2/3 of which is sea and 1/3 of its area is land. Based on these conditions, triggering the community to start new businesses in fisheries activities, namely brackish water cultivation (ponds). In Indonesia, there are cultivation of brackish water, sea water, and fresh water that spreads in every region in Indonesia. This is influenced by the potential for natural resources, human resources, and different facilities and infrastructure in each region. Fish in Indonesia have various types in terms of physical, name, habitat and others based on the location of the fish cultivation area in Indonesia. However, there are many types of fish, some of which are extinct and several types of fish that are not known to exist and do not know the types of these fish species. From the problems that have been explained above, it is known that Indonesia has various types of fish species in terms of distribution areas, both extinct and not yet extinct. Therefore, the authors are interested in creating an Indonesian Fisheries Catalog application which aims to make it easier for others to find information on fish species in Indonesia and to know the types of distribution of fish areas being cultivated so that fish species in Indonesia do not experience extinction. The method of making applications that are made is used in smartphones based on android. This application has several main functionalities, namely providing information on fish fish in Indonesia, enabling people who use the application to create a fish database that will be entered into applications related to fish in Indonesia. , recording filtering based on the mapping of fish distribution locations in Indonesia and also looking at the names of fish species in Indonesia. So that with this application, it can make it easier for other people to know the types of fish in Indonesia and the presence of populations of fish habitats in Indonesia so that fish in Indonesia can be recognized by people / communities in Indonesia.

Keywords: *fish, application, budidaya, species, fishery*