ABSTRACT

The Information technology becomes one of the best options for companies which addresses the power of information as a competitive advantage in globalization era. The Directorate General for Monitoring and Controlling Marine and Fisheries Resources especially the Directorate of Monitoring Fishery Resources of Ministry for Marine and Fisheries has a role to manage marine and fisheries resources and to utilize them as well as to maintain the potential of fisheries resources in Indonesia.

The Directorate of Monitoring Fisheries Resources in carrying out its tasks and functions has not been supported yet by a sophisticated information system. To create that kind of system information, need to do well plan, to carry out a research, then to develop software and finally to implement the system information for fisheries monitoring.

This system information will hopefully support the accomplishment of effective fishery monitoring activities. The development of system information management for fisheries monitoring follows the system development life cycle method. Start from identifying and formulating the current problems, and then designing the conceptual system consists of database structure and flow of processes, develop a software engineering using Microsoft Access and Visual Basic software in order to produce, user friendly menu or windows which are easily accessed by users.

Keywords: Fisheries surveillance, SIMWASKAN, User.