

ABSTRACT

The use of raw water in society is one of important thing in utilization of water resources. Perum Jasa Tirta II as one of government institution which assigned to manage the utilization of water resources. Perum Jasa Tirta II in managing water resources has not been computerized, therefore possess several problems in administration process, getting information and reporting about raw water customers which use Perum Jasa Tirta II raw water product.

Through this research, author attempt to design and develop computerized Perum Jasa Tirta II Raw Water Information System which has not only create accurate data, fast and relevant but also can solve customers administration process, getting customers information and reporting problems. The Method of research that used to develop the system is descriptif and action method which the stages are creating ERD database diagram, table relationship and database normalization. Development of a Prototype model system with built in accordance with the needs, and attention to each stage to be traversed in the development of this system. Structured method tools that used to design are Data Flow Diagram, Context Diagram and Flowmap. Author use PHP web programming language and MySQL database to implement the system.

By developing Perum Jasa Tirta II Raw Resources Information System application, is expected to facilitate user, in this case Perum Jasa Tirta II employee, to manage the administration process, getting information dan reporting about the raw water customers.

Keywords : raw water, Information System, Application,