ABSTRACT

Application Monitoring and Procurement for the maintenance of a web-based network taps is an application used to assist in the procurement, maintenance and monitoring progress in providing activity reports of goods is an activity that includes the demand, revenues, and expenditures made by PDAM. However, the implementation is still a lot of problems caused by weak stock recording, reporting, and mismatches the demand for goods to the needs of the field. In addition the company is also experiencing problems in terms of maintenance or renewal agenda item because there is irregular schedule that can manage all the parties involved in the maintenance or renovation of goods. This web-based application built using waterfall method, using the php programming language that is applied using CodeIgniter Framework and MySQL as data storage media. With this application was built, can help the process of monitoring the maintenance of goods, procurement, reporting, and scheduling of maintenance or renovation of goods.

Keywords: Procurement, monitoring, waterfall, CodeIgniter, PHP