ABSTRACT

Web-Based Applications to Support Operation, Maintenance, and Exploitation of Water Resources is an application used to assist the process of maintenance, monitoring and evaluation of water resources management conducted by Perum Jasa Tirta Business Unit Wiayah III Subang. But in the implementation there are still many problems caused by the lack of way of recording the form and maintenance of weir. This web-based application is built with waterfall method, using PHP programming language applied using CodeIgniter Framework and MySQL as data storage media. With the built of this application, can help monitoring process, water level and report process of each staff.

Keywords: *waterfall, codeIgniter, PHP.*