

WEB-BASED WATER CUSTOMER INFORMATION SYSTEM

CASE STUDY OF PAMSIMAS KP-SPAMS Tirto Sembodo Poncol

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ABSTRACT

Provision of drinking water and community sanitation (PAMSIMAS) is one of the government's national programs to increase the need for clean water and proper sanitation for people in rural and suburban areas. The PAMSIMAS program was present in Wonosari Village, Poncol District, Magetan Regency, East Java Province on August 2, 2019. The program is managed by KP-SPAMS Tirto Sembodo. Payment methods and water payment data processing at KP-SPAMS still use the manual method, namely through meter registrar officers who visit residents' homes every month. To make it easier for KP-SPAMS Tirto Sembodo officers and customers to process and make payments, the author created a website-based water customer service information system with the midtrans payment gateway method that can be used by KP-SPAMS Tirto Sembodo officers and customers in making water payment transactions. The design of this web-based water bill payment information system uses the Codeigniter Framework, MySQL, and XAMPP. The languages used are HTML, CSS, Javascript and PHP. With the existence of a web-based water customer service information system at KP-SPAMS Tirto Sembodo, it is hoped that it can provide accurate information regarding water bill payment data, the process of calculating the amount of money to be paid by customers will be more efficient, accurate, and able to perform bill payment transactions. water online.

Keywords: PAMSIMAS, Midtrans, Payment, Information System, Web.