ABSTRACT

Basic human needs must always be met, one of which is water. The management of springs in Sindangsari Village is managed by PAMDES Sindangsari. Sindangsari PAMDES billing management is still done manually, this is considered to be a problem. Recording errors, physical damage or loss of the recording process, and lack of efficiency are also the main problems faced by PAMDES Sindangsari. Making a report on the history of recording water meters and printing customer billing accounts at PAMDES Sindangsari takes approximately 2 weeks. Finding water meter records in the previous year is also difficult, because they are still recorded manually. So we need a system that can manage water meters effectively and produce output that is in accordance with the Sindangsari PAMDES.

Based on the problems above, proposed solutions so that the management and recording of PAMDES Sindangsari water meters can be more optimal than current conditions. The solution offered is a water meter recording information system website. By using this solution, management and recording of water meters can be more optimal. This solution also eliminates the need to worry about damage or loss of the recorded water meter history, and this solution increases the efficiency of PAMDES Sindangsari officers in managing water meter data. This information system website assists Sindangsari PAMDES officers in managing water meter recording data into recording history information at a moment's notice.

The water meter recording information system has benchmarks for success, including the water meter recording information system that can store water meter recording data and can also print customer billing accounts every month. The water meter recording information system has test results, namely, alpha testing with 100% success and Beta testing with the results of the website feasibility presentation that has been made at 80.5. The questionnaire is valid and reliable which means the test is going well.

Keywords: PAMDES Sindangsari, System information for recording water meters, website