

ABSTRACT

In the era of digital development, effective public services are essential, including those provided by the Spirit Mejabar Village-Owned Enterprise (BUMDes) in West Mejasem Village. However, the management of waste fees is still done manually, making it prone to recording errors, delays in data recap, and lack of transparency to the community. Some previous studies have developed information systems for waste management or digital-based village services but have not focused on integrating BUMDes' operational needs and collaboration. Based on these gaps, this research aims to design and develop a website-based system that facilitates easier waste fee management for BUMDes and enhances transaction transparency. The method used in system development is an agile method that allows development to be carried out flexibly and iteratively. The stages in this research include problem identification, literature study, planning, design, development, release, and system review. This system was built using the PHP programming language, Laravel framework, and MySQL as a database. System testing was conducted using the black-box testing method, which resulted in a success value of 97.76%, indicating that the system's features run well. The result of this research is a website that facilitates BUMDes managers in managing waste fees more efficiently, increasing transparency in data management, and serving as a platform to introduce BUMDes and its services to the community. This system can be an effective solution for managing waste fees in West Mejasem Village and can be implemented in other villages.

Keywords: *Laravel, MySQL, PHP, village-owned enterprise, waste fee*