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SISTEM INFORMASI MONITORING PENGELOLAAN DATA PEMBANGUNAN DESA BERBASIS WEBSITE PADA DESA KALIJAMBE.

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ABSTRAK

Desa Kalijambe merupakan salah satu desa yang terletak di Kecamatan Sragi, Kabupaten Pekalongan, Provinsi Jawa Tengah. Desa Kalijambe memiliki delapan dusun yang memiliki kebutuhan pembangunan yang berbeda. Proses pengelolaan data pembangunan yang masih dilakukan secara sederhana menimbulkan berbagai kendala, seperti ketidakteraturan data, kesulitan dalam pencarian informasi, serta keterlambatan pelaporan. Untuk mengatasi permasalahan tersebut, penelitian ini mengembangkan Sistem Informasi Monitoring Pengelolaan Data Pembangunan Desa Berbasis Website yang berfungsi sebagai solusi terintegrasi untuk mengelola data usulan pembangunan, rencana anggaran, realisasi anggaran, hingga laporan monitoring secara lebih efektif. Sistem ini dikembangkan menggunakan metode Waterfall melalui lima tahapan, yaitu analisi kebutuhan, desain sistem, implementasi sistem, pengujian sistem, dan pemeliharaan. Pengumpulan data dilakukan melalui wawancara dan observasi pada perangkat desa terkait proses pengelolaan pembangunan yang berjalan selama ini. Sistem dirancang dengan tiga level akses, yaitu Kepala Dusun, Sekretaris Desa, dan Kepala Desa, sehingga alur pengelolaan data menjadi lebih jelas, terstruktur, dan sesuai kewenangan masing-masing. Hasil pengujian UAT yang dilakukan dengan menggunakan kuesioner kepada perangkat desa sebagai pengguna sistem. menghasilkan bahwa sebanyak 85% pengguna menyatakan sistem ini mudah digunakan dan dipahami, sementara 87.50% menyatakan sistem berjalan sesuai dengan kebutuhan. Dengan adanya sistem informasi ini, proses pengelolaan data pembangunan menjadi lebih terorganisir dan pelaporan dapat dilakukan lebih cepat. Penelitian ini memberikan kontribusi dalam mengoptimalkan tata kelola pembangunan desa serta menjadi acuan dalam pengembangan sistem informasi pada pemerintahan desa berbasis digital.

Kata Kunci: Desa Kalijambe, Waterfall, Wawancara dan Observasi, Sistem Informasi.Monitoring, Pembangunan Desa

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WEBSITE-BASED VILLAGE DEVELOPMENT DATA MANAGEMENT MONITORING INFORMATION SYSTEM IN KALIJAMBE VILLAGE.

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ABSTRACT

Kalijambe Village is one of the villages located in Sragi District, Pekalongan Regency, Central Java Province. Kalijambe Village has eight hamlets that have different development needs. The process of managing development data that is still carried out in a simple manner poses various obstacles, such as data irregularities, difficulties in finding information, and delays in reporting. To overcome these problems, this study developed a Website-Based Village Development Data Management Monitoring Information System which functions as an integrated solution to manage development proposal data, budget plans, budget realization, and monitoring reports more effectively. This system is developed using the Waterfall method through five stages, namely needs analysis, system design, system implementation, system testing, and maintenance. Data collection was carried out through interviews and observations with village officials related to the development management process that has been running so far. The system is designed with three levels of access, namely the Hamlet Head, the Village Secretary, and the Village Head, so that the data management flow becomes clearer, structured, and according to their respective authority. The results of the UAT test were carried out using a questionnaire to village officials as system users. As a result, 85% of users stated that the system was easy to use and understand, while 87.50% stated that the system worked according to their needs. With this information system, the process of managing development data becomes more organized and reporting can be done faster. This research contributes to optimizing village development governance and becomes a reference in the development of information systems in digital-based village government.

Keywords: Kalijambe Village, Waterfall, Interviews and Observations, System Information.Monitoring, Village Development