

ABSTRAK

WAHYU AJI RATNA SAPUTRA 20.230.0001

Sistem Informasi Desa Berbasis Web di Desa Kulu Kecamatan Karanganyar Kabupaten Pekalongan, dibawah bimbingan Tri Agus Setiawan, S.Kom., M.Kom dan Bambang Ismanto, S.Kom, M,Kom.

223 + xviii halaman / 176 gambar / 25 tabel / 2 lampiran / 20 pustaka 2016-2020

Desa Kulu Kecamatan Karanganyar Kabupaten Pekalongan merupakan desa yang sudah menerapkan teknologi informasi. Terbukti dengan adanya wifi desa yang terletak di Balai Desa dan rumah dari Pemerintah Desa. Pelayanan surat dan informasi desa merupakan tanggung jawab pemerintah desa, untuk pelayanan surat, warga harus datang ke desa dan menunggu sampai selesai. Dari informasi desa sendiri masih menggunakan sistem rapat, dimana rapat yang dipanggil hanya lembaga atau orang-orang tertentu dan menempel informasi di papan informasi atau infografis. Dengan hal yang terjadi saat ini sesuai dan dengan kendala dan permasalahan yang ada maka perlu untuk membangun sebuah sistem yang dapat memberikan pelayanan surat desa dan mempermudah masyarakat dalam mendapatkan informasi desa serta dapat meningkatkan pelayanan surat desa dan pelayanan informasi ke masyarakat dengan media elektronik. Metodologi penelitian itu sendiri terdiri dari pengumpulan data dengan metode observase, wawancara, kuesioner dan studi kepustakaan. Pada pengembangan sistem ini digunakan teknik pengembangan software memakai Waterfall Model yang terdiri dari communication, planning, modeling, construction, dan deployment. Sistem yang dibangun diuji dengan menggunakan metode pengujian sistem White Box, Black Box dan UAT. Hasil sistem yang telah dibangun dapat memberikan informasi desa dan memberikan pelayanan surat kepada masyarakat dimanapun dan kapanpun tanpa harus mendatangi kantor desa secara langsung. Dalam pembangunan sistem ini belum terlalu sempurna maka, sistem dapat dikembangkan kedalam aplikasi berbasis android yang mana pengguna smartphone berbasis OS android sudah banyak. Sistem dapat dikembangkan lebih lanjut seperti import dan ekspor Ms.Exel kedalam sistem penginputan data kependudukan.

Kata kunci : Sistem, Sistem Informasi, Pelayanan Surat, Desa, Web.

ABSTRACT

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Web-based Village Letter Service Information System in Kulu Village, under the guidance of Tri Agus Setiawan, S.Kom., M.Kom dan Bambang Ismanto, S.Kom, M.Kom.

223 + xviii pages / 176 images / 25 tabels / 2 attachment / 20 reference 2016-2020

Village mail and information services are the responsibility of the village Kulu Village, Karanganyar District, Pekalongan Regency is a village that has implemented information technology. It is proven by the existence of village wifi which is located at the Village Hall and the house of the Village Government. Village mail and information services are the responsibility of the village government, for mail services, residents must come to the village and wait for it to finish. From the information, the village itself still uses the meeting system, where only certain institutions or people are called for meetings and the information is posted on information boards or infographics. With what is happening now in accordance with the existing constraints and problems, it is necessary to build a system that can provide village letter services and make it easier for the community to get village information and can improve village letter services and information services to the community with electronic media. The research methodology itself consists of collecting data by means of observation, interviews, questionnaires and literature study. In the development of this system, software development techniques are used using the Waterfall Model which consists of communication, planning, modeling, construction, and deployment. The system that was built was tested using the White Box, Black Box and UAT system testing methods. The results of the system that has been built can provide village information and provide letter services to the community anywhere and anytime without having to go to the village office directly. In the development of this system is not too perfect then, the system can be developed into an Android-based application where there are many Android OS-based smartphone users. The system can be developed further, such as importing and exporting Ms.Exel into the population data input system.

Keywords : System, Information System, Mail Services, Village, Web