

ABSTRAK

MUHAMMAD FALIH DHIAULHAQ, 21.230.0089

**SISTEM INFORMASI ADMINISTRASI KEPENDUDUKAN PADA DESA
KAYUGERITAN DENGAN METODE TOE,**

Dibawah bimbingan Dr. P.A Christianto, M.Kom dan Risqiaty, M.Kom.

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Kelurahan Kayugeritan masih menggunakan sistem manual dalam pengelolaan data kependudukan, yang menyebabkan sejumlah permasalahan seperti lambatnya pencarian data, buruknya pengarsipan, dan keterbatasan ruang penyimpanan. Untuk mengatasi hal ini, dikembangkan Sistem Informasi Administrasi Kependudukan berbasis website dengan pendekatan metode TOE dan pengembangan sistem waterfall. Tahapan penelitian meliputi observasi, wawancara, dan kuesioner kepada staf kelurahan. Sistem dirancang menggunakan UML dan dibangun dengan bahasa pemrograman PHP, framework CodeIgniter 4, serta MySQL. Pengujian sistem dilakukan melalui metode Black Box, White Box, dan UAT. Hasilnya menunjukkan sistem dapat membantu kelurahan dalam pengelolaan data dan layanan administrasi, meskipun masih terdapat kekurangan seperti belum tersedianya fitur aduan masyarakat, permintaan surat online, dan pengarsipan sekretariat dalam berbagai format file.

Kata Kunci Administrasi Kependudukan, Website Desa, Sistem Informasi, Waterfall, TOE

ABSTRACT

MUHAMMAD FALIH DHIAULHAQ, 21.230.0089
POPULATION ADMINISTRATION INFORMATION SYSTEM IN
KAYUGERITAN VILLAGE USING THE TOE METHOD,

Under the guidance Dr. P.A Christianto, M.Kom dan Risqiaty, M.Kom.

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Kayugeritan Village still uses a manual system for population data management, which causes several problems such as slow data retrieval, poor archiving, and limited storage space. To address these issues, a website-based Population Administration Information System was developed using the TOE method and waterfall system development. The research stages included observation, interviews, and questionnaires with village staff. The system was designed using UML and built with the PHP programming language, the CodeIgniter 4 framework, and MySQL. System testing was conducted using Black Box, White Box, and UAT methods. The results showed that the system can assist the village in data management and administrative services, although there are still shortcomings such as the lack of features for public complaints, online letter requests, and secretarial archiving in various file formats.

Keywords *Population Administration, Village Website, Information System, Waterfall, TOE*