

MIRZA NUR ILMA, 22.230.0135

**IMPLEMENTASI SISTEM INFORMASI PENCATATAN MASA KERJA
PEGAWAI BERBASIS WEBSITE PADA DINAS KEPENDUDUKAN DAN
PENCATATAN SIPIL KABUPATEN BATANG**

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ABSTRAKSI

Pengelolaan data kepegawaian merupakan aspek penting dalam mendukung kinerja organisasi pemerintahan. Dinas Kependudukan dan Pencatatan Sipil Kabupaten Batang saat ini masih mengelola data kepegawaian Aparatur Sipil Negara (ASN) dan non-ASN secara manual menggunakan Microsoft Excel, sehingga berpotensi menimbulkan permasalahan seperti kesalahan input, duplikasi data, keterlambatan administrasi, serta ketidakakuratan dalam perhitungan masa kerja, kenaikan gaji berkala (KGB), kenaikan pangkat (KP), dan masa pensiun. Penelitian ini bertujuan untuk mengimplementasikan Sistem Informasi Manajemen Kepegawaian (SIMPEG) berbasis website guna meningkatkan efisiensi dan akurasi pengelolaan data kepegawaian di Disdukcapil Kabupaten Batang. Metode penelitian yang digunakan meliputi observasi, wawancara, dan studi pustaka. Pengembangan sistem dilakukan melalui tahapan analisis kebutuhan, perancangan menggunakan Unified Modeling Language (UML), implementasi sistem menggunakan framework CodeIgniter 4 dan basis data MySQL, serta pengujian menggunakan metode User Acceptance Testing (UAT) dengan skala Likert. Hasil penelitian menunjukkan bahwa SIMPEG berbasis website mampu mengotomatisasi pengelolaan data kepegawaian, termasuk perhitungan masa kerja, KGB, KP, dan masa pensiun, serta mempermudah pengelolaan riwayat jabatan, pendidikan, dan golongan. Berdasarkan hasil UAT, sistem dinilai dapat diterima oleh pengguna dan mampu meningkatkan efisiensi kerja, keakuratan data, serta kemudahan akses informasi kepegawaian.

Kata kunci: Sistem Informasi Manajemen Kepegawaian, SIMPEG, Website, CodeIgniter 4

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ABSTRACT

Personnel data management is an important aspect in supporting the performance of government organizations. Currently, the Department of Population and Civil Registration of Batang Regency still manages personnel data for both Civil Servants (ASN) and non-ASN manually using Microsoft Excel, which has the potential to cause problems such as input errors, data duplication, administrative delays, and inaccuracies in calculating years of service, periodic salary increases (KGB), promotions (KP), and retirement periods. This study aims to implement a web-based Personnel Management Information System (SIMPEG) to improve the efficiency and accuracy of personnel data management at the Department of Population and Civil Registration of Batang Regency. The research methods used include observation, interviews, and literature studies. System development was carried out through several stages, including requirements analysis, system design using Unified Modeling Language (UML), system implementation using the CodeIgniter 4 framework and MySQL database, and testing using the User Acceptance Testing (UAT) method with a Likert scale. The results show that the web-based SIMPEG is able to automate personnel data management, including the calculation of years of service, periodic salary increases, promotions, and retirement periods, as well as facilitate the management of job history, education, and rank. Based on the UAT results, the system is considered acceptable to users and capable of improving work efficiency, data accuracy, and ease of access to personnel information.

Keywords: Personnel Management Information System, SIMPEG, Website, CodeIgniter 4