

ABSTRAK

Penelitian ini membahas proses pengelolaan data Surat Pernyataan Ahli Waris dan Surat Kuasa Waris pada Kantor Camat Gandus Kota Palembang yang masih dilakukan secara manual sehingga menyebabkan proses pencatatan, pencarian, dan pengelolaan data menjadi kurang efektif. Penelitian ini bertujuan merancang dan membangun aplikasi berbasis *website* untuk mempermudah pengelolaan data surat secara terkomputerisasi. Metode yang digunakan adalah *Software Development Life Cycle* (SDLC) dengan pendekatan *Waterfall*, sedangkan pengujian sistem dilakukan menggunakan *Black Box Testing*. Aplikasi dikembangkan menggunakan bahasa pemrograman PHP dan basis data MySQL. Hasil penelitian menunjukkan bahwa aplikasi berhasil dibangun sesuai kebutuhan, dengan fitur pengelolaan data pemohon, data surat, verifikasi berkas, pencarian data, dan pembuatan laporan yang berfungsi dengan baik. Dengan adanya aplikasi ini, diharapkan proses pengelolaan Surat Pernyataan Ahli Waris dan Surat Kuasa Waris di Kantor Camat Gandus Kota Palembang menjadi lebih efektif, efisien, dan terstruktur.

Kata kunci: Surat Pernyataan Ahli Waris, Surat Kuasa Waris, *Website*, *Waterfall*, *Black Box Testing*.

ABSTRACT

This study discusses the management process of Statement of Heirship and Power of Attorney for Heirship documents at the Gandus District Office, Palembang City, which is still carried out manually, resulting in less effective data recording, retrieval, and management. This study aims to design and develop a web-based application to facilitate the computerized management of these documents. The research employed the Software Development Life Cycle (SDLC) using the Waterfall approach, while system testing was conducted using the Black Box Testing method. The application was developed using the PHP programming language and the MySQL database. The results show that the application was successfully developed according to the system requirements, with features including applicant data management, document management, document verification, data searching, and report generation functioning properly. The implementation of this application is expected to improve the effectiveness, efficiency, and organization of managing Statement of Heirship and Power of Attorney for Heirship documents at the Gandus District Office, Palembang City.

Keywords: Statement of Heirship, Power of Attorney for Heirship, Website, Waterfall, Black Box Testing.