

ABSTRAK

Pengolahan data kontrak aset daerah pada Badan Pengelolaan Keuangan dan Aset Daerah (BPKAD) Kota Palembang masih dilakukan menggunakan *Google Spread sheet*, sehingga berisiko menimbulkan duplikasi data, ketidaksesuaian informasi, kesulitan pencarian, dan keterlambatan penyusunan laporan. Penelitian ini bertujuan untuk merancang aplikasi kontrak aset daerah berbasis *website* guna mendukung pengolahan data kontrak aset dan penganggaran belanja modal secara lebih terstruktur. Metode pengembangan aplikasi yang digunakan adalah *Rapid Application Development* (RAD), dengan tahapan perencanaan kebutuhan, perancangan, implementasi, dan pengujian. Aplikasi dikembangkan menggunakan *Laravel*, *Tailwind CSS*, *JavaScript*, dan *MySQL*, serta menerapkan *Activity Based Budgeting* (ABB) untuk menganalisis kebutuhan anggaran berdasarkan aktivitas, pemicu biaya, unit dasar, dan kebutuhan biaya. Hasil penelitian menunjukkan bahwa aplikasi memiliki fitur realisasi belanja modal, Surat Perintah Pencairan Dana (SP2D), rekap kontrak aset, KIB A sampai KIB F, validasi data, dashboard, analisis ABB, laporan, dan master akun. Kesimpulannya, aplikasi ini dapat membantu BPKAD Kota Palembang dalam mengolah dan menganggarkan data kontrak aset secara terpusat, akurat, efektif, dan efisien. Aplikasi juga meningkatkan transparansi, akuntabilitas, monitoring, dan koordinasi internal organisasi.

Kata Kunci: Pengolahan, Kontrak Aset, *Rapid Application Development*, *Activity Based Budgeting*, *Laravel*.

ABSTRACT

The management of regional asset contract data at the Regional Financial and Asset Management Agency (BPKAD) of Palembang City is still carried out using Google Spreadsheets, resulting in risks of data duplication, information inconsistencies, difficulties in data retrieval, and delays in report preparation. This study aims to develop a web-based Regional Asset Contract Application to support the management of regional asset contract data and capital expenditure budgeting in a more structured manner. The application was developed using the Rapid Application Development (RAD) methodology, which consists of the requirements planning, design, implementation, and testing phases. The application was built using Laravel, Tailwind CSS, JavaScript, and MySQL, while implementing the Activity Based Budgeting (ABB) method to analyze budget requirements based on activities, cost drivers, cost objects, and cost requirements. The results show that the application provides features for capital expenditure realization, Fund Disbursement Order (SP2D) management, asset contract recapitulation, KIB A through KIB F management, data validation, dashboards, ABB analysis, reporting, and account master management. In conclusion, the application assists the Regional Financial and Asset Management Agency of Palembang City in managing and budgeting regional asset contract data in a centralized, accurate, effective, and efficient manner. The application also enhances transparency, accountability, monitoring, and internal organizational coordination.

Keywords: Data Processing, Asset Contracts, Rapid Application Development, Activity Based Budgeting, Laravel.