

ABSTRAK

PT Bumi Sawindo Permai merupakan perusahaan di bidang perkebunan dan pengolahan kelapa sawit yang menghadapi kendala dalam proses pengajuan dan *approval* surat pesanan barang dan jasa, seperti keterlambatan, kurangnya transparansi, dan risiko kesalahan data. Untuk mengatasi hal tersebut, dirancang sebuah aplikasi berbasis web yang dilengkapi fitur formulir digital, alur persetujuan berjenjang (*User, Superior, Warehouse Supervisor, Procurement Manager, General Manager* dan admin), serta notifikasi status secara *real-time*. Aplikasi ini dibuat dengan menggunakan bahasa pemrograman PHP dan *database* MySQL, serta menerapkan pendekatan *Waterfall* yang memungkinkan pengembangan sistem dilakukan secara sistematis dan bertahap. Hasil dari pengembangan menunjukkan bahwa aplikasi ini dapat mendukung pengelolaan surat pesanan barang dan jasa secara lebih terorganisir, akurat, dan sesuai dengan alur kerja perusahaan.

Kata Kunci: PT Bumi Sawindo Permai, Surat Pesanan, Pengadaan Barang dan Jasa, Aplikasi *Web*, PHP, Metode *Waterfall, Approval*.

ABSTRACT

PT Bumi Sawindo Permai is a company engaged in palm oil plantation and processing, which faces challenges in the process of submitting and approving purchase and service order requests, such as delays, lack of transparency, and risk of data errors. To address these issues, a web-based application was designed with features including digital request forms, a tiered approval workflow (User, Superior, Warehouse Supervisor, Procurement Manager, and General Manager), and real-time status notifications. This application was developed using the PHP programming language and a MySQL database, implementing the Waterfall approach, which enables systematic and sequential system development. The results show that this application can support more organized, accurate, and workflow-aligned management of purchase and service order requests within the company.

Keywords: PT Bumi Sawindo Permai, Purchase Order, Goods and Services Procurement, Web Application, PHP, Waterfall Method, Approval.