

PENGEMBANGAN DAN INTEGRASI MODUL PENJUALAN PADA SISTEM ERP BERBASIS PROGRESSIVE WEB APP DI PT CREASI TEKNO SOLUSI

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ABSTRAK

PT Creasi Tekno Solusi sering menerima permintaan dari UMKM untuk sistem aplikasi penjualan, namun pengembangan sistem untuk setiap klien memakan waktu lama. Solusi yang dikembangkan adalah modul aplikasi penjualan berbasis Progressive Web App (PWA) yang terintegrasi dengan sistem ERP melalui platform super apps Erpayo. Metode Rapid Application Development (RAD) diterapkan dalam tiga tahap: requirement planning, design workshop, dan implementation. Data kebutuhan dikumpulkan melalui wawancara dan observasi proses bisnis, serta referensi platform seperti Kledo dan Odoo. Pengujian sistem menggunakan metode End-to-end Testing dan User Acceptance Test (UAT) menunjukkan aplikasi berfungsi sesuai spesifikasi dan memenuhi kebutuhan pengguna. Solusi ini memungkinkan Creasico melayani klien UMKM secara efisien melalui aplikasi terintegrasi. Disarankan untuk menambahkan fitur seperti integrasi pembayaran, laporan keuangan otomatis, dan dukungan offline dengan sinkronisasi otomatis. Dengan modul ini, PT Creasi Tekno Solusi dapat meningkatkan efisiensi layanan dan mendukung pertumbuhan UMKM.

Kata kunci: *Progressive Web App, Enterprise Resource Planning, Rapid Application Development, UMKM, modul penjualan.*

*DEVELOPMENT AND INTEGRATION OF SALES MODULE IN ERP SYSTEM
BASED ON PROGRESSIVE WEB APP AT PT CREASI TEKNO SOLUSI*

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ABSTRACT

PT Creasi Tekno Solusi frequently receives requests from clients for sales application systems, but individual development for each client takes significant time. The proposed solution is a sales application module based on Progressive Web App (PWA) integrated into an ERP system through the super apps platform, Erpayo. The Rapid Application Development (RAD) method was applied in three stages: requirement planning, design workshop, and implementation. Data was collected through interviews and business process observations, as well as references to platforms like Kledo and Odoo. System testing using end-to-end test and user acceptance test (UAT) methods showed that the application functions according to specifications and meets user needs. This solution allows Creasico to efficiently serve its clients through an integrated application. It is recommended to add features such as payment integration, automated financial reporting, and offline support with automatic synchronization. This module enables PT Creasi Tekno Solusi to improve service efficiency and support client business operations.

Keywords: *Progressive Web App, Enterprise Resource Planning, Rapid Application Development, UMKM, sales module.*