

Perancangan Sistem Informasi dalam Rangka Transformasi Digital Proses Penjualan UMKM Toko Roti Gandum XYZ = Information System Design as a Digital Transformation for the Sales Process of UMKM Toko Roti Gandum XYZ

Ribka Novita Sari, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=9999920516738&lokasi=lokal>

Abstrak

UMKM di bidang makanan dan minuman menjadi prioritas pemberdayaan bagi pemerintah. Dalam peta jalan Making Indonesia 4.0 oleh Kementerian Perindustrian, UMKM harus mengadopsi teknologi di sepanjang rantai nilai bisnis agar hasil produksi dan pangsa pasar meningkat. Pemerintah juga menargetkan 30 juta UMKM untuk melakukan transformasi digital di akhir 2023. Penerapan sistem informasi sebagai transformasi digital membantu UMKM untuk mengotomatisasi aktivitas operasional, mengintegrasikan data, dan mendapatkan data yang lebih akurat. Penelitian ini, menggunakan metode System Development Lifecycle (SDLC) dengan pendekatan Object Oriented. Sistem yang dihasilkan berupa sistem pemesanan, sistem manajemen produk, sistem manajemen karyawan, sistem input promosi, sistem input invoice, dan sistem transaksi. Dalam penelitian ini, alat bantu perancangan yang digunakan adalah entity relationship diagram, use case diagram, use case scenario, class diagram, activity diagram, dan sequence diagram. Sistem informasi yang dirancang memiliki arsitektur database berupa three-tier architecture. Adapun tahapan tranformasi digital yang dicapai adalah integrasi data dan otomatisasi proses.

.....The government has made MSMEs in the food and beverage sector as a priority for empowerment. In the Making Indonesia 4.0 roadmap by the Ministry of Industry, MSMEs must adopt technology along the business value chain so that production results and market share increase. The government is also targeting 30 million MSMEs to carry out digital transformation by the end of 2023. The application of information systems as digital transformation helps MSMEs to automate operational activities, integrate data, and obtain more accurate data. This study uses the System Development Life Cycle (SDLC) method with an Object-Oriented approach. The resulting systems are order systems, product management systems, employee management systems, promotion input systems, invoice input systems, and transaction systems. In this study the design tools used are entity relationship diagrams, use case diagrams, use case scenarios, class diagrams, activity diagrams, and sequence diagrams. The designed information system has a database architecture in the form of a three-tier architecture. The stages of digital transformation that have been achieved are data integration and process automation.