

ABSTRAK

Penelitian ini bertujuan untuk menganalisis kebutuhan sistem informasi inventory barang dan keuangan pada UMKM Toko Susi dengan mengacu pada standar ISO/IEC/IEEE 29148:2018 serta ketentuan pelaporan keuangan SAK EMKM. Permasalahan utama yang diidentifikasi adalah proses pencatatan persediaan dan transaksi keuangan yang masih dilakukan secara manual, sehingga berpotensi menimbulkan ketidaktepatan data, keterlambatan penyusunan laporan, serta rendahnya efisiensi operasional. Melalui kajian literatur, penelitian ini menguraikan konsep sistem informasi, manajemen persediaan, standar akuntansi SAK EMKM, serta struktur penyusunan spesifikasi kebutuhan perangkat lunak sesuai ISO/IEC/IEEE 29148:2018 sebagai landasan teoritis.

Pengumpulan data dilakukan melalui wawancara terstruktur dan observasi langsung terhadap proses bisnis UMKM Toko Susi, meliputi aktivitas pembelian, penjualan, pencatatan stok, serta pengelolaan transaksi keuangan. Data yang diperoleh dianalisis menggunakan pendekatan requirements engineering, yang mencakup kegiatan elicitation, analysis, specification, dan validation. Hasil penelitian menghasilkan identifikasi kebutuhan fungsional dan non-fungsional sistem, pemetaan kebutuhan sistem terhadap standar ISO/IEC/IEEE 29148:2018, serta perumusan fitur keuangan yang sesuai dengan penyusunan laporan keuangan berdasarkan SAK EMKM, seperti Laporan Posisi Keuangan, Laporan Laba Rugi, dan Catatan Atas Laporan Keuangan (CALK). Penelitian ini menghasilkan rancangan dokumen Software Requirements Specification (SRS) yang dapat digunakan sebagai dasar dalam pengembangan sistem informasi terintegrasi untuk mendukung proses operasional dan pelaporan keuangan UMKM Toko Susi secara lebih efektif dan akurat.

Kata Kunci: *Sistem Informasi, Inventory, SAK EMKM, ISO/IEC/IEEE 29148:2018, Analisis Kebutuhan, UMKM*

ABSTRACT

This study aims to analyze the inventory and financial information system requirements at Toko Susi, an SME, in accordance with the ISO/IEC/IEEE 29148:2018 standard and the financial reporting provisions of SAK EMKM. The main problem identified is that inventory and financial transaction recording processes are still conducted manually, which has the potential to cause data inaccuracies, delays in report preparation, and low operational efficiency. Through a literature review, this study outlines the concepts of information systems, inventory management, SAK EMKM accounting standards, and the structure for developing software requirements specifications in accordance with ISO/IEC/IEEE 29148:2018 as a theoretical foundation.

Data collection was conducted through structured interviews and direct observation of the business processes at Toko Susi, an SME, covering purchasing, sales, inventory tracking, and financial transaction management. The data obtained was analyzed using a requirements engineering approach, which included elicitation, analysis, specification, and validation activities. The research results led to the identification of the system's functional and non-functional requirements, the mapping of system requirements against the ISO/IEC/IEEE 29148:2018 standard, and the formulation of financial features aligned with the preparation of financial statements based on SAK EMKM, such as the Statement of Financial Position, the Income Statement, and the Notes to the Financial Statements (CALK). This research produced a draft Software Requirements Specification (SRS) document that can serve as a foundation for developing an integrated information system to support the operational processes and financial reporting of Toko Susi's SME more effectively and accurately.

Keywords: Information System, Inventory, SAK EMKM, ISO/IEC/IEEE 29148:2018, Requirements Analysis, SME