ABSTRACT

Web-based information systems have become an effective solution for improving data and process management efficiency across various sectors. This research aims to design a stock monitoring information system at Toko Madu Jaya Flower using the Unified Modeling Language (UML) approach. UML is chosen for its ability to effectively describe both functional and non-functional requirements. The designed system includes features such as inventory management, real-time stock monitoring, purchasing and sales transactions, and reporting. This system is expected to help Toko Madu Jaya Flower minimize errors, improve operational efficiency, and support better decision-making.