Title : Inventory Transfer Management System: Inventory Staff Module

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ABSTRACT

This cooperative education project involved the development of a web application for an Inventory Transfer Management System (Inventory Staff Module) designed to streamline store-level operations. The primary objective was to enhance the convenience and efficiency of stock management for inventory personnel.

The development followed Agile principles using the Scrum framework and was implemented for use within Betagro Public Company Limited. The system comprises three core modules: daily stock counting management, inter-branch product transfers, and product receipt verification from manufacturers.

From a technical perspective, the system was built using Next.js for the frontend and Node.js for the backend. These modules enable staff to create, edit, and submit documents for review while providing a comprehensive overview of document statuses. This system is expected to minimize human error, reduce processing times, and improve data accuracy, resulting in more effective inventory management overall.

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