

CASHIER APPLICATION BASED ON WEBSITE WITH TELEGRAM BOT API NOTIFICATION AT PURNAMA RAYA STORE

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ABSTRACT

Purnama Raya store faces challenges in managing goods and a manual cashier system, leading to potential errors and difficulties in data management. To address these issues, a Web-Based Cashier Application with Telegram Bot API Notifications is proposed. This application is designed to enhance transaction accuracy with features such as barcode scanning, automatic calculations, and efficient data recording and management. Additionally, it allows the store owner to receive real-time transaction notifications and access periodic information. The application was developed using PHP with the CodeIgniter framework and MySQL as the database management system. Testing was conducted using white-box and black-box methods, as well as across various web browsers to ensure the application performs as expected. Test results indicate that this application successfully optimizes sales management and store operations, improves efficiency and productivity, and provides a better customer experience. With this application, store owners can manage goods data more easily and efficiently, and monitor business transactions in real-time through Telegram notifications.

Keywords : Items, Cashier, Telegram, Website.