MOBILE-BASED STOCK INVENTORY APPLICATION
(CASE STUDY: Winata Sticker Shop, Bulu District, Temanggung Regency)

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ABSTRACT

The role of computers in the current era is very important in processing information in companies and anywhere because computer and mobile-based information processing will be able to produce information that is precise, accurate and useful for organizations and companies. One form of information technology is an inventory information system. The inventory system is an information system for processing goods storage data to avoid duplicate data and data loss. This inventory application is very important because goods storage data is very necessary when making daily, monthly and annual reports of incoming and outgoing goods. This goods inventory application was designed using PHP programming language and MySQL database as the database, Flutter as the framework, Visual Studio Code and Sublime Text as the HTML editor, Draw.io and Figma for the website design and Android Studio Kotlin as the AVD (Android Virtual Device) . The data needed to create this goods inventory application is data related to information about products leaving and entering the store. The functional requirements for this system are login access for the owner and admin, data storage for incoming and outgoing goods, recap of stock data for incoming and outgoing goods and a system for printing daily, monthly and annual data recap reports. By building this system, it is hoped that it will make it easier for owners to store data on incoming and outgoing goods to avoid duplicate data and data loss.

Keywords: Application, Php, Mysql, Android Studio, Kotlin