

ABSTRACT

Patlima Store is a business that focuses on the fashion and gadget reseller industry. As an intermediary between manufacturers or distributors of original products and end consumers, Patlima Store plays an important role in meeting market needs by providing products in large quantities for resale with a profit margin. However, like many reseller businesses, Patlima Store faces challenges in managing its inventory. The stock recording process that still relies on Microsoft Excel often experiences obstacles, such as data inaccuracy, difficulty in monitoring sales, and difficulty in making decisions based on timely and accurate data. To overcome this problem, Patlima Store plans to develop a web-based application specifically designed to manage their sales data more efficiently. This application will allow admins to easily manage sales data, monitor sales performance, and generate financial reports needed for analysis and decision making. The development method chosen is the Prototype model, which includes the communication phase, Quick Plan, Modeling Quick Design, Construction Of Prototype, Deployment, Delivery, & Feedback. Black Box Testing ensures the functionality and performance of the application in accordance with the UAT test results of 91.67%. In developing this application, Patlima Store uses modern information technology, including the PHP programming language and Laravel framework, and Xampp as the backend database. The main features that will be implemented in the application include product data management, product search and filtering, transaction management, sales data export, and financial reports. All of these features are designed to improve operational efficiency and reduce the time spent on administrative tasks, so that Patlima Store owners and admins can focus more on their business growth strategies. By adopting information technology innovation, Patlima Store also contributes to the development of technology in the context of small businesses. This reflects how technology can be applied to improve productivity and service quality, even on a smaller business scale such as local resellers. It is hoped that the implementation of this application will not only provide solutions for Patlima Store, but can also be an example for similar businesses in implementing technology solutions to improve their efficiency and competitiveness in an increasingly competitive market.

Keywords: Data Management Application, Black Box Testing, Prototype Method.