

## **WEB-BASED SHOP INFORMATION SYSTEM**

**(Case Study: Victor Snack, Sleman)**

### **ABSTRACT**

Victor Snack is a business in the culinary sector specializing in snack sales. However, its current operations rely on the Griya POS application, which has several limitations, including stock data discrepancies, limited reporting capabilities, and a lack of role-based user access rights management. These issues make it difficult for business owners to monitor sales and financial data effectively. This research aims to design and develop a web-based store information system to manage sales transactions and product inventory, and to generate integrated sales and financial reports. The research methodology includes problem identification, data collection through interviews and a literature review, system design, implementation, and testing using the Black-Box method. The system was developed using the Laravel framework and a MySQL database, and designed as a web-based platform for centralized data management. The results demonstrate that the developed system improves the accuracy of stock and transaction records, simplifies the creation of sales and financial reports, and allows business owners to control user access rights by role, thereby supporting Victor Snack's operations more effectively and efficiently.

**Keywords:** system, information, sales, stock, web.