

ABSTRACT

BACK-END INTEGRATION: IMPLEMENTING E-COMMERCE IN THE INFORMATION MANAGEMENT SYSTEM OF DESASA HOME DECOR STORE

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Desasa Home Decor is a store that specializes in selling various types of artificial flower home decorations. The utilization of information technology is essential in data management to ensure that inventory and transaction management are conducted swiftly and generate accurate reports. This research aims to integrate the information management system with the Shopee e-commerce platform for Desasa Home Decor. The system is designed to reduce the workload of employees and store owners, as well as improve transaction data management. This system is already integrated with the Shopee API to obtain product and transaction data. The development method used in this study is Extreme Programming, with data collected through interviews, analysis, and observation. The result of this research is the Desasa Home Decor management information system, which is integrated with Shopee e-Commerce. Black-Box testing concluded that the system operates as expected and planned, and the results of testing using OWASP ZAP did not reveal any high-risk levels.

Keywords: Desasa Home Decor, Information Management, API, Extreme Programming, Black-Box