ABSTRACT

The sales report for UMKM at the Banyuwangi Festival serves as an indicator for evaluating the success of the festival. However, the current process of taking sales reports by Disbudpar Banyuwangi, the responsible party, is inefficient due to the lack of an information system. To obtain an efficient process of taking sales reports for UMKM at the Banyuwangi Festival, the Rapid Application Diagram (RAD) method was used to design an ERP system in the form of a point of sale module based on the Odoo application for Disbudpar Banyuwangi and UMKM Banyuwangi Festival. The RAD method was used to obtain results that meet user needs. Data was collected through interviews with sources from the Banyuwangi Tourism and Culture Office. The ERP system design was carried out in several stages, starting from analyzing and designing the system by conceptualizing requirements planning to create a system visualization using UML, with testing and evaluation stages of the design results that have been configured by conducting unit testing and black-box testing. This study resulted in the integration of a point of sale system as a cashier application for UMKM and to collect UMKM sales report data during the Banyuwangi Festival. The results of this study also showed that the designed ERP system can improve business process efficiency for institutions and efficient sales management for UMKM. The impact of this research is expected to improve the accuracy of data management, increase collaboration, and optimize sales of UMKM products at the Banyuwangi Festival.

Keywords: ERP, Odoo, point of sale, Banyuwangi Festival, MSME