ABSTRACT

Tehdesa is a beverage business whose operations still use a manual ordering system. This creates various obstacles such as *error*s in recording orders, delays in service and difficulties in capturing transaction data. This situation shows the importance of digitizing the ordering process to improve efficiency and service quality. Many MSMEs, including Tehdesa, have not utilized technology optimally in managing their daily business. Therefore, the solution offered is to build a mobile-based ordering system using the RAD method approach, which is a linear sequential software development process model that emphasizes a very short development cycle. This system provides main features such as order input, product management, transaction history tracking, and a *dashboard* that presents real-time sales data. Apart from that, the system is equipped with a payment option using QRIS to support non-cash transactions and a receipt printing feature as proof of transactions for customers. Testing using the black box method shows that all system functions work according to expectations and can be used well by users. These results show that the system developed is able to help MSMEs such as Tehdesa in optimizing ordering services and supporting data-based decision making.

Keywords: Ordering System, Website Mobile , RAD, Blackbox.