

ABSTRACT

The Surabaya City Office of Small and Medium Enterprises Cooperatives and Trade (DINKOPDAG) plays an important role in supporting the development of the MSME sector, but UMKM data management is still carried out manually, which results in various obstacles such as data loss, reporting delays, and hampering the development of UMKM. The paper-dependent recording process has hampered UMKM players' access to government programs. To overcome this problem, this research aims to design and build a website-based UMKM management information system using the Prototype method, with an iterative and participatory approach. The system was built using the Laravel framework, MySQL database, and tested using black-box, white-box, and User Acceptance Testing methods to ensure system functionality runs as needed. The results of the research show that the information system developed can significantly replace manual processes into digital ones. Field officers can input data in real-time without having to come to the office, UMKM players can register independently, and DINKOPDAG can monitor the development of UMKM and intervention activities through the available dashboard. Thus, this system provides a good solution to improve the accuracy and affordability of UMKM management in Surabaya City.

Keywords: DINKOPDAG, UMKM, information system, digitalization, Prototype.