

ABSTRACT

Dessertation is a culinary Micro, Small, and Medium Enterprise (MSME) located in Semarang. In its daily operations, the partner faces constraints due to paper-based recording which is prone to human error, particularly during daily revenue recapitulation and raw material stock monitoring. This study aims to develop a web-based administration and outlet management information system to facilitate the digitalization of transaction data, stock, and financial reporting management. The system development adopts the ICONIX Process method to systematically bridge requirements analysis and technical design, implementing a Single Page Application (SPA) architecture based on ReactJS, Express.js, and MySQL. Functional testing was conducted using the Black Box Testing method to ensure the system's alignment with the design. The test results indicate that all main features function properly and operate in accordance with the specified functional requirements.

Keywords : ICONIX Process, Information System, Single Page Application, MSMEs, Outlet Management.