

**PERANCANGAN SISTEM KEAMANAN *PERSONAL*
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ABSTRACT

Digital transformation encourages Micro, Small, and Medium Enterprises (MSMEs) to adopt web-based systems in managing transactions. The main problem faced in the proxy service is that order management is still done manually and there is no additional security mechanism in the transaction process. This study aims to design and implement a Personal Identification Number (PIN) security system in a web-based proxy service application. The system development method used is Waterfall, which includes requirements analysis, system design, implementation, and testing stages. The application is developed using the Laravel framework with a MySQL database.

Keywords: *personal shopping, system security, PIN, web application, Waterfall.*