

ABSTRACT

Along with the rapid advancement of information technology, the utilization of digital-based systems to support administrative processes has become a necessity for organizations, including government institutions. The digitalization of administrative processes not only enhances efficiency but also minimizes the risk of errors and data loss. The process of submitting honor awards at the Regional Police of Central Java (Polda Jawa Tengah) has not yet implemented an integrated information technology system, thereby increasing the risk of writing errors and the loss or damage of physical documents. This study aims to develop a web-based application for honor award submission to address these issues. The system development process employs the ICONIX Process methodology, which consists of the requirements, analysis/preliminary design, detailed design, and implementation phases. The application is developed using the Laravel framework with the utilization of Filament. The application is designed for multiple users, namely personnel, Renmin, and Bagwatpers. The main business processes of the application include role-based login, honor award submission, submission validation, and honor award document management. System implementation is tested using the black-box testing method to ensure that all functionalities operate as planned. The results of this study indicate that the application has been successfully developed in accordance with the specified functional and non-functional requirements. By supporting the digitalization of the honor award submission process, this study is expected to serve as a reference for the development of similar applications, particularly in supporting the digital transformation program within the Indonesian National Police to improve the overall quality of internal and external services.

Keywords: Web-Based Application, ICONIX Process, Honorary Awards, MVC, Polri