

ABSTRACT

The General Affairs and Personnel Subdivision of the East Java Provincial Social Services is responsible for the procurement and management of inventory items across 15 work units and over 20 Technical Implementation Units (UPTs). Current challenges include a manual item request process and the absence of an integrated system for inventory card documentation. This study aims to develop a web-based inventory management information system featuring self-request submission, integration of inventory card data, and a more structured administrative process. The system was developed using the Extreme Programming (XP) methodology, encompassing stages such as User Story identification, release planning, system design, iterative development, repeated system testing, and usability evaluation. The technologies employed include Laravel as the backend framework, MySQL for database management, and Tailwind CSS for the user interface. System evaluation was conducted through black-box testing, white-box testing, and usability testing based on Jakob Nielsen's five usability components. The results demonstrate that the system enhances the efficiency of inventory request management, ensures data transparency, and supports more structured and well-documented inventory tracking. The system is expected to provide a sustainable solution for structured inventory management tailored to the institution's operational needs.

Keywords: *Social Services Agency, Extreme Programming, Laravel, Inventory Management, Consumable Goods Stock*