

ABSTRACT

DESIGN AND DEVELOPMENT OF A WEB-BASED PAWNED GOODS AUCTION SYSTEM USING THE SCRUM METHOD (CASE STUDY: PURWOKERTO BRANCH OF PEGADAIAN)

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In today's digital era, the need for a transparent and efficient auction system has become crucial, particularly in the financial services industry like pawnbroking. This study aims to design and construct a web-based pawned goods auction system at the Purwokerto branch of Pegadaian using the Scrum method. Scrum was selected for its flexibility in accommodating changing requirements and accelerating the development process. This research involved identifying the functional and non-functional needs of the system, interface design, coding, testing, and continuous iteration for system improvement.

The outcome of this study is a web-based pawned goods auction system that enables Pegadaian Purwokerto to manage auctions digitally more effectively. The system is designed to facilitate users in registering items, bidding, and following the auction process. System evaluation indicates a significant improvement in operational efficiency and customer satisfaction. The study also provides insights into the challenges and lessons learned during the implementation of the Scrum method in the development of information systems in the financial sector.

Keywords: Auction, Pawned Goods, Pegadaian, Scrum Method, Website