

ABSTRACT

DESIGN OF STOCK MANAGEMENT SYSTEM AT COOPERATIVE OF SMA N 3 PURWOKERTO USING RAPID APPLICATION DEVELOPMENT (RAD) METHOD

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With the rapid development of technology, information technology has a major role in helping data processing faster, more timely and accurately, for example in stock management. SMA N 3 Purwokerto Cooperative faces problems in stock management which is still done manually using books that hinder the provision of stock reports at all times and slow down data management. A website-based stock management information system can be a solution to this problem, which allows faster stock management, stock reports that are always available and fast and easy access to stock data. This study proposes to build a website-based stock management information system using the Rapid Application Development (RAD) method at the SMA N 3 Purwokerto cooperative with features for recording incoming and outgoing goods, stock reporting, and stock monitoring at all times. This website is created using Laravel and MySQL. Testing is carried out using Black Box Testing to test the functionality of the features provided. In the first test with a success rate of 88.46% and the second trial with 100% success.

Keywords: Design and Construction, Cooperative SMA N 3 Purwokerto, Stock Management, Rapid Application Development, Cooperative