

ABSTRACT

POS (Point of Sale) APPLICATION DESIGN ON WEBSITE-BASED DECORATION TENT RENTAL USING THE RAPID APPLICATION DEVELOPMENT METHOD

(Case Study: DIFAS Home Industry)

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This research aims to develop an order recording and stock management system for DIFAS Home Industry to overcome the problem of manual recording that often causes errors, such as disputes over supply dates, tool needs, and delivery of goods without clear stock information. The method used is Rapid Application Development (RAD) which includes the stages of requirement planning, user design, construction, and cutover. This approach allows direct involvement of users in the system development process to suit their needs. System testing was carried out using the User Acceptance Testing (UAT) method with a blackbox testing approach, which involves users to assess the suitability of the system to specifications and needs. The test results got 98% which shows that the system works well and provides useful feedback for further development. The website developed is able to improve the efficiency of recording and stock management, minimise errors, and facilitate access to information for businesses. With this integrated system, DIFAS Home Industry can improve accuracy of records, customer satisfaction, and potential business income.

Keywords: DIFAS Home Industry, Rapid Application Development (RAD), Order Recording, Stock Management, User Acceptance Testing (UAT)