

ABSTRACT

The online sales application for the July 12 cooperative KPDK products is web-based application that is used by the cooperative admin to process product sales online. Problems that occur when marketing products are still not extensive enough because marketing is only done when there are certain events, the purchase process is not easy when the community must come directly to buy the product then the product stock is not available, product management is not easy when the product is managed too much so that it is difficult to check the product, not yet easy to manage product sales data because data is easily damaged, not stored correctly and sales data recorded in the entry book is not aligned. This is the background in providing solutions to the July 12 KPDK cooperatives. With this application, the July 12 KPDK cooperatives can expand product marketing to the community to buy cooperative products without coming directly to the location and help the cooperative admin in managing product data and get product sales in the form of Excel and charts of product sales obtained. This application uses the waterfall method is very suitable to use in making applications and simplify the design of the system. Modeling tools used by BPMN and UML, application development tools used with HTML, PHP, CSS, javascript, and database used MYSQL, with framework used by codeiter, with web servers used by Apache XAMPP and bootstrap and balsamiq. Testing on this application uses black box which is done by observing the results of execution through test data and checking the functionality of the software and user acceptance test by testing whether the system is in accordance with what is contained in the system's functional specifications. The results of the design and design can be seen in this Final Project report.

Keywords: applications, sales, products, cooperatives, online.