

ABSTRACT

Tempat Praktek Keterampilan Usaha (TPKU) is a Micro, Small and Medium Enterprises (MSME) unit owned by Pondok Pesantren Tebuireng, Jombang. This TPKU was established as a support for the sustainability of the pesantren to support daily operational needs. TPKU provides various needs in the field of convection such as complete school uniforms, headscarves, belts, shoes, sandals, kopyahs, to mattresses and bed covers, and so on. TPKU has a stock management section which is the party in charge of managing stock data and data entry and exit of goods.

So far, at TPKU, stock data collection and entry and exit of goods are still using books. Thus, the TPKU stock management experiences problems such as the number of books used and the lack of accuracy of the data collection of goods. Therefore, a stock management information system is needed that can help stock management at TPKU to be more effective and efficient. The main functions of this system focus on stock data collection, stock-taking, recording the entry and exit of goods, and generating reports. This system is only used by interested parties such as the Head of TPKU and stock management.

In developing this system, the Spiral method is used, where in this method planning, analysis, implementation, evaluation are carried out. This method is one of the development methods that combines the iterative method and the waterfall method. The system will be created with the Laravel Framework and uses the PHP programming language, Javascript, and the use of the MySQL database. Testing uses UEQ (User Experience Questionnaire) to find out whether the stock management information system can be easily used by users. The results of the UEQ test show that the Overall score is 1.896 based on the Pragmatic Quality assessment which reaches a score of 1.750 and Hedonic Quality which gets a score of 2.042.

Keywords: *Vocational Business Practice Center, Information System, Stock Management, Web Application, Spiral Method, UEQ (User Experience Questionnaire).*