

ABSTRACT

RM Hidangan Nusantara is west sumatera or minangkabau restaurant located within Permata Buah Batu, Bandung. This restaurant was established in 2015, and managed by the owner. The system applied in running and managing businesses still uses conventional or manual systems. This system is considered to be less effective and efficient in carrying out all activities in RM Hidangan Nusantara. Therefore, the design of transaction management, financial and stock control information systems can help restaurant management to develop their business. This management system is called POS (Point Of Sales).

In designing this POS system using the Agile method software development methodology, the tools used are UML (Unified Modeling Languag), XAMPP, Notepad ++. Agile Methods is one of several methods used in developing software. Agile Method is a type of short-term system development that requires rapid adaptation and developers to changes in any form. In describing the system modeling tools used, namely UML, known several diagrams including use case diagrams, activity diagrams, class diagrams, sequence diagrams, and system databases.

The tests used to test this software are using Black Box Testing and based on the ISO 9126 standard by testing several characteristics to test the quality of a software including functionality, security, usability, efficiency, maintainability, and probability aspects.

Keywords: Information Systems, Transactions, Finance, Stock Control, POS, Agile, UML, ISO 9126, Black-box Testing