

ABSTRACT

Process of the community's economy is largely supported in a process of buying and selling and this is happening in a market, the more rapid development of time of any market evolved from traditional markets towards a more modern market people prefer modern market such as supermarkets and convenience stores, which tend to provide facilities among other convenient place, a conducive environment, the existence of the shopping cart and the price for sure. But the comfort level of consumers would be more satisfied if the existence of a system that supports the creation of a more efficient transaction process. Due to the modern market cashier system now common error at the time of the scan the barcode of items when making payment at the cashier.

Project task has been performed on the transaction process system development at the cashier modern market. Where on this project managed to streamline the time when making payment at the cashier. Either way the RFID technology to identify each item on the shopping cart so that consumers no longer need to route the scan the barcode on the cash register. And cashier applications that support the RFID technology.

The result of the test is the payment process with application of the Smart Cashier 42.94 seconds faster than the regular cashier application. On the test used ten items to make a transaction. And also because it does not perform a scan barcode at the cashier then error events when doing a scan of the barcode at the cashier already be avoided and can reduce the length of the queue.

Keywords : *cashier, modern market, technology and aplication cashier.*