

ABSTRACT

DESIGN OF POINT OF SALE APPLICATION WITH PROTOTYPING METHOD (CASE STUDY: KINI CHEESE TEA BERKOH)

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Point of sale is a system applied to shops that functions to handle the buying and selling transaction processes and transaction reporting. KINI Cheese as a franchise business company has also implemented Point Of Sale (POS), but franchise buyers are free to develop their own POS. KINI Cheese as a franchise business company has also implemented Point Of Sale (POS), but franchise buyers are free to develop their own POS. KINI Cheese Tea Berkoh Purwokerto is one of the outlets that has not implemented POS. The management of transaction data is still manual using a notebook. This results in frequent errors in the calculation of the sales quantity, the number of transactions, the total turnover obtained, and the transaction evidence data is often lost. The purpose of this research is to design and build a Point of sale at KINI Cheese Tea Outlet Berkoh Purwokerto. The POS that was built has features of recording transactions, reporting sales and presenting sales report analysis data according to the specified time. The method used is prototyping. The system to be built is an android application and uses a Firebase database. The system that has been successfully built will be tested using Black Box Testing to find out whether the system is running according to its function. The test is carried out by the user, namely KINI Cheese Tea Berkoh. The user tests all application functions according to the specified test list. The test results show that the system can run 100% according to the specified function, which can add item data, delete item data, record sales transactions, delete sales transactions, print notes in file form, and display sales reports for daily and monthly periods.

Keyword : *Point of Sale, Prototyping, Black Box Testing, Android, Firebase*