

ANDROID BASED POINT OF SALE APPLICATION FOR SOFT DRINK AGENTS

(Case Study: Case Study of an Ice Gum Agent in Pasuruan City)

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ABSTRACT

Ice Gum Softdrink Agent is a company that provides softdrink stock to sellers. Currently, the sales system at the Ice Gum Softdrink Agent still uses a conventional system. The method of recording data at softdrink agents that is still manual in the process of monitoring and managing administrative data causes the data to be untidy and a lot of it is tucked away until it is lost, This will of course affect the transaction process and customer comfort during the transaction. To see the status of these issues requires developing a point of sale (POS) application. The existence of this system design will solve the problems taken in carrying out the transaction process and managing agent data starting from registration, monitoring, and product retrieval. As well as to overcome agent obstacles in data processing, stock processing, incoming or outgoing transaction processes to avoid accidental errors. The framework or system design in this study will be used with the prototype method which includes observation and interviews, data collection, communication, Quick Plan, The Quick Plan Modeling, The Construction of prototype and system testing After the application design is complete, the next stage is testing using method is the black-box testing. Hopefully, through the implementation of system, it will be able to overcome challenges in sales and further improve store services.

Keywords: *Point of Sale, Android, Flutter, Rest API, Prototype.*