

## ABSTRACT

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*Based on the development of technology services sales and purchases are increasing, as well as at Apotek Nusa Farma. Nusa Farma pharmacy services sales and purchases of drugs in two ways, namely by coming to the place and not directly coming to the place or by telephone. The indirect sales and purchases come to the place where the Nusa Farma Pharmacy is experiencing a number of obstacles such as unclear ordering data and data duplication when recording orders. Therefore, the Application of Sales and Purchase of Drugs in Android-based Pharmacy Nusa Farma was built as a medium to improve services at Apotek Nusa Farma. Methodology of Purchase and Sales Applications at Apotek Nusa Farma using Waterfall methodology. The programming language used to develop this application is JAVA and PHP, as well as MySQL as the database used for data storage media needed. As for the design of the program using use case, activity diagram, class diagram and ER-Diagram. The tools used in the process of making this application are Android Studio and XAMPP. With the hope of this application can provide a container or media for owners or buyers can make the sale and purchase of medicine indirectly come to the place.*

*Keyword : Application For Selling and Purchasing , Waterfall, Android.*