

## **ABSTRACT**

In Indonesia, e-commerce has begun to trend in 2014. Some of the pioneers in e-commerce technology in Indonesia are Tokopedia, Bukalapak, etc. It has made it easier for people to buy any need online. But now e-commerce is not stable in the eyes of the public because it requires a long procedure for users to make transactions. In terms of sellers also expect e-commerce to have some marketing way for their products. Therefore, Android-based QR-Code technology can be used. Through the SnapPay application, user could easily manage ordering product and also seller could get marketing promotions between conventional marketing to the e-commerce.

The SnapPay application is designed using Android Studio. In SnapPay application, the unique QR Code on the product stores information of names, prices, and product details. Users can use the QR-Code through the scan function on the application as access to buy products. Users can make transactions with balances on the application, top-up, and also view the order list.

The SnapPay application can run functionally on the Android platform. The application has a delay time to access the product of 1.6 seconds. The application has a good score within the assestment for the parameters of performance, interfaces, and user interest in using the application. Thus, the SnapPay application ready to deploy as additional feature for e-commerce.

**Keywords: QR Code, Android, E-Commerce**