

## **ABSTRACT**

### **CASHIER APPLICATION DESIGN FOR ANDROID BASED MICRO SMALL AND MEDIUM ENTERPRISES (Case study: RidhoQua Drinking Water Refill Depot)**

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*One of the supports that play an important role in economic growth in Indonesia is Micro, Small and Medium Enterprises (MSMEs). MSMEs are growing rapidly in Indonesia and contribute a lot to society in Indonesia. Ridhoqua is one of the drinking water refill depot businesses that processes its water with quality so that it is proven to be consumed by residents properly. Many business actors fail in carrying out their business processes due to poor financial management which has a major impact on their business processes. With the rapid development of technology, people depend on technology. From the existing problems, a solution is given in the form of a cashier application that can help business people evaluate the capacity of their business so that they can carry out business development based on the financial data. This research uses the extreme programming method to facilitate the process of making applications, because the application of the extreme programming method is quite concise and simple and can increase efficiency in working on the application to be achieved. Based on testing using blackbox, the percentage of testing is 100% and it can be stated that the use of extreme programming methods in the application built is in accordance with what RidhoQua businesses need.*

**Keywords: Android, Extreme Programming, Cashier, MSMEs**