

## Abstract

*Monitoring packaging machine, is a very important thing to do, if there are significant changes on the machine, or the machine run out of stock, it can be dealt with immediately. But if it is done regularly and must standby in the machine, it can be said to be ineffective, because the time could be used for other activities that can improve the quality of productive work time.*

*Mo-Machine is an mobile android application-IOT-based, that uses MySQL database. workflow of this application, by detecting the presence of stocks of food, along with the existing plastics, the system will provide notification to the user through a smartphone that stocks had run out of food or plastic, and then it will be turnoff the machine, it also sends a notification system in the form of data from packaging. So the owners and employees there do not need to monitor the machine directly. User Interface design in this application, can be said to be user friendly, because there are only a few menus are used in this application, so it is easy to understand. This application can be used anywhere, as long as the smartphone is used to connect to the Internet network.*

**Keyword** : *Monitoring, Packaging machine, IoT, Smartphone, user friendly.*