

ABSTRACT

Laundry is one of the services to facilitate the homework in washing clothes. Customers are given convenience, just by delivering the package and waiting for the finished clothes until the time specified by the laundry. As the time progresses, the processing of a laundry becomes less practical because customers must visit the laundry place in advance when they want to wash their clothes.

This final task discusses the algorithm implementation of the Naïve Bayes in determining the readiness of clothes to be processed first by laundry, with weight parameters and moisture levels in a box of clothing. Laundry can see a list of Customer clothing boxes ready to be processed, while customers can receive notifications, receive payment details, view clothes progress, and make payment transactions, all through a mobile-based application Android.

The benefit of this laundry application aims to help customers who have high mobility, especially in urban areas and not have much time to come to the laundry. This IoT-based laundry (Internet of Things) Android app is very helpful because customers receive notifications and don't need to process manually, clothes will be carried over automatically by the laundry officers, by applying the Naïve Bayes algorithm which Measures the weight and moisture levels of the clothing ready to be taken by the laundry personnel, so as to determine which clothes will be processed first. If you want to see the progress of your clothes and payment transactions everything is enough on your smartphone, and for laundry parties is facilitated to take customer clothing, because there is already a list of customer names ready to be processed first.

Keywords : *Mobile Application, Naïve Bayes, Android, IoT.*