

ABSTRACT

According to the Law of the Republic of Indonesia Number 18 of 2008 concerning Waste Management, what is meant by waste is the residue of human daily activities and/or natural processes. This waste is produced by humans every time they carry out their daily activities. Indonesia produces 11.330 tons of organic and inorganic waste every day. If people still dispose of their waste improperly, the waste cannot be managed properly and will have a negative impact on the environment. Then an application called SampahPlus was created to connect waste collectors with the community who have collected sorted inorganic waste and will be picked up at home and then weighed accurately and in real time. The segregated waste will be replaced with rewards in the form of point that can be exchanged for various products and basic necessities that are useful for the community so that people are more enthusiastic about collecting waste.

Keywords: Waste, Community, Collector, Points, Groceries