

## ABSTRACT

The Garbage Bank is a place for collecting waste that has been sorted and processed into handicrafts. The concept of the Garbage Bank is an effective strategy in increasing public awareness about the importance of treating waste wisely and obtaining direct economic benefits from waste. However, there are still problems in the management of the Waste Bank. Therefore, in this final report, we introduce an information technology-based application that is designed to help people operate a Waste Bank more efficiently and effectively. The application that we designed is intended for people who have a Garbage Bank business or a thrift store. This application can help input depositor data more easily, so that data recording will be saved automatically in the application history. With this application, the Garbage Bank operating system can run better and earn maximum income. Through this application, it is hoped that the public can easily operate a Waste Bank and utilize waste as a valuable economic resource. Thus, the concept of a Waste Bank can be a solution to overcome waste problems in the future, and contribute to sustainable community development.

Keywords: ***Garbage Bank, Garbage, Android***