ABSTRACT

Bank Sampah Bersinar is one of the largest waste banks managed by PT. Solusi Rahayu Indonesia is located in the province of West Java. Bank Sampah Bersinar serves the area of Bandung city, Bandung district, West Bandung district and Cimahi city. From 2014 to 2022, Bank Sampah Bersinar has 11,000 customers and 655 registered unit waste banks and has educated about waste management in more than 1,500 locations. Bank Sampah Bersinar offers mobile waste bank programs and household waste management (HWM) programs. The data generated is quite a lot, so it often becomes an obstacle when a monthly evaluation is carried out. This causes an increase in the workload for the employees of Bank Sampah Bersinar. The data storage media currently used at the Bersinar Garbage Bank has a drawback: it has not been integrated with data sources generated from mobile waste bank transactions and household waste management. Thus, a website dashboard is needed to monitor targets and report to manager that is integrated with the transportation officers and customers. The dashboard is built as a website using the extreme programming method. Implementation of the admin dashboard website at Bank Sampah Bersinar using the Laravel framework and testing using the BlackBox method and user acceptance test. Based on the test results, the admin dashboard website can be accepted by Bank Sampah Bersinar internal team with a user acceptance test result of 90.67%.

Keywords: **Waste Bank, Extreme Programming,Dashboard, Website.**