

PREFACE

بسم الله الرحمن الرحيم

الحمد لله رب العالمين الذي بنعمته تتم هذه الأطروحة في الوقت المناسب، الصلاة والسلام على نبينا ورسولنا محمد ﷺ و على آله و أصحابه ومن تبع الهدى إلى يوم القيامة، أشهد أن لا إله الا الله و أشهد أن محمدا عبده و رسوله لا نبي بعده.

More than a year ago, the writer started this project on waste bank to design marketing communication strategy for BankSampah.id. It turns out that before going to that place, there is one more important step to be studied which now become the writer's concern of study: clustering. All the long way has been passed so that the writer could finish this Final Project under the title, "Classification of Waste Bank Potential in Applying Online Management System Using Single Linkage Clustering Method (A Study on BankSampah.id Users in Bandung)".

The truth is, the preparation, the process of data collecting and processing, and the reporting of the research in a practical work report are complex and meticulous. The writer could never make it until here without the help from many supportive parties. So, the greatest thanks and gratitude would likely be presented to:

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7. All other parties who already helped and supported the writer a lot during the whole research process.

Even though this final project still has many shortcomings, the writers hopes that this research can be useful for the readers, especially for Smash.id team, waste bank managers, Industrial Engineering Major of Telkom University, and other researchers who want to conduct further research.

Bandung, August 27th, 2019

Writer