

ABSTRACT

Batununggal Indah Modern Market is one of the modern markets in the city of Bandung, located in the elite batunuggal housing complex. This market provides a variety of basic needs, daily and household needs, such as vegetables, meat, fish, clothing, electronic equipment, pharmacies, to culinary tourism. Comfort, safety, and cleanliness are the slogans of this market so that sellers and buyers can experience a pleasant shopping experience. However, in the modern batunuggal market the ineffectiveness of the garbage collection system is difficult, and the difficulty of accessing waste to final disposal is due to the condition of the landfill, which is a garbage truck, so that it must use the rails to climb up to the garbage truck to dispose of its garbage, making it difficult for cleaners to dispose of their waste. garbage collection. The problem formulation arises how to improve the efficiency of the waste disposal process as well as how to design an efficient garbage carrier, using qualitative methods conducted interviews and observations to analyze the data obtained and then carried out a comparative study approach, activity studies and needs studies after that analyze aspects of aspects needed. The creation of a waste transporting trolley using the system so that it can increase the efficiency of time and energy for janitors, this trolley has a locking system to lock the trash bin that will be transported and a hook system to lock the trolley when in use. With the design of the garbage transport trolley, it is hoped that it can help the janitor in mobilizing waste or disposing of garbage in the final disposal bin

Keyword: *Modern Market, Trolley, Trash*