

ABSTRACT

Trolley is a conveyance used as a means to facilitate the carrying of goods. As in supermarkets, airports, and users who will use the trolley to make it easier to carry or transport groceries and other luggage. Trolleys also have a variety of farina that vary and adjust to their functions, as well as with trolleys that are often used in places that require tools to transport loads in large quantities. In the development of trolleys, there are still many problems that are found, namely the lack of ergonomics in the lack of comfort when using products and systems that are difficult to fold when straying in places with less organized capacity and do not have security for users when carrying goods in large quantities. So it is necessary to create a trolley that can be folded with a size of less than 20 cm so as not to take up too much space in a room and have security to products that will be taken using a special trolley. as well as increasing time efficiency in moving goods and testing the performance of folding trolleys to users when operating the design of folding trolleys. The method used in making this folding trolley is qualitative by interviewing, observing, and studying literature. The results of the analysis that has summarized all the product design processes can be concluded that the trolley product will be designed to have a folding mechanical system manually by having safety and easy to operate and increase efficiency in moving an item from place to place.

Keywords: *Wedding Event, Special trolley, ergonomics, human anthropometry*