

ABSTRACT

Many people think that processing organic waste into compost requires a large area of land, tools and lots of materials. This makes them reluctant to process waste into compost, especially in densely populated residential areas with limited land. Apart from that, the assumption that the process of processing organic waste into compost is carried out in a dirty and heavy manner is also a reason for people, especially housewives, not to do it. The aim of this research is to design products for media for processing simple compost into plants for small houses by making media, namely compost pots which have the concept of preventing food waste from going to landfills. The research method used is qualitative with a case study approach carried out by distributing questionnaires online via social media, interviews, and observations carried out in limited land areas. The results show that the compost pot that has been designed is useful for housewives who cook and have a hobby of farming. These compost pots provide benefits in the form of simplifying farming activities by combining the process of planting and processing food waste compost into one product. Another benefit is that the compost pot has been designed to be used easily and lasts a long time. Apart from that, the compost also has aesthetic value for the home yard by using elegant minimalist visuals. Thus, it can be concluded that the plant pot design for utilizing household organic waste into independent compost has been successfully carried out.

Keywords: *Organic Waste Management, Innovative Plant Pots, Compost*