

ABSTRACT

Food waste is an important environmental issue that needs to be addressed, especially in large cities like Bandung, which has high economic activity, particularly in the HORECA sector (hotels, restaurants, and cafes). Surplus food that is not properly managed has the potential to become waste, even though it is still suitable for consumption. This study designs a mobile application called Food Saver, which function as a community-based surplus food distribution platform. The design process was carried out using a qualitative approach, combining interviews, participatory observations, and literature studies to deeply understand user needs and the context of the problem. The outcome of this design includes a clean and user-friendly interface, featuring food donation options, location-based distribution tracking, and a community system that encourages collaboration among users. All visual elements and features are focused on facilitating the food-sharing process and strengthening social interaction. The discussion shows that a community-based approach supported by human-centered design can enhance the effectiveness of surplus food distribution. Active user involvement, especially from younger generations, shows significant potential in reducing food waste when facilitated through appropriate digital media. Thus, Food Saver not only serves as a bridge between donors and recipients, but also becomes a space for education and a driver of behavioral change toward a more sustainable lifestyle.

Keywords: *Food Waste, Surplus Food Distribution, Mobile Application, Sustainability.*