

# An Android Application for Donating Food and Sharing Items: Share and Help

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**Abstract:** *Food wastage and the improper disposal of electronic waste (E-Waste) have become significant issues in highly populated countries like India. This research project addresses these problems through an Android-based mobile application that promotes the smart utilization of food and the responsible handling of household items. The application facilitates collaboration between donors and recipients, allowing donors to upload detailed information about food and items available for donation, while recipients receive notifications about their availability. Additionally, the system establishes a partnership portal between hotels/restaurants and charities, enabling direct communication and generating reports on donated food quantities from each establishment, along with providing reward points. The research focuses on the basic architecture and application framework of the Android operating system, providing a comprehensive understanding of Android application development. The app aims to reduce food waste, minimize the environmental impact of E-Waste, and raise awareness among consumers about their food consumption habits. Features such as expiration date alerts, grocery tracking, and food storage tips are incorporated into the application to encourage responsible consumption practices. The project emphasizes the importance of addressing food wastage and its repercussions, as it profoundly impacts the lives of many individuals and the well-being of future generations. By providing a practical solution, this project highlights the significance of making conscious efforts to combat food and E-Waste issues, benefiting both marginalized communities and the sustainability of our planet.*

**Keywords:** *Food wastage*

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