

Establishing Food Donation System in Sri Lanka

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Abstract. Hunger is the main problem that every country faces. As a developing country, Sri Lanka works with world food program for fifty years to end this matter. According to the 2020 Global Hunger Index, Sri Lanka ranks 64th of 107 countries with a score of 16.3. This score means that there is a moderate level of hunger in Sri Lanka. The country has improved in the matter compares to the past, but still, child undernutrition takes a high percentage. The citizens of the country are famous worldwide for their generosity and they spend a significant amount of money on community service projects and other similar donations yearly. The technology level of the country is also good, but still, there is no food donation system was implemented in the country. The main aim of this research is to implement a food donation system for Sri Lanka in which people can donate their food surplus using a trustworthy and responsible mobile application or a website. This kind of system will be new to the country. So, this research is to get an idea about current food donation Systems in other countries and identify the strengths and weaknesses of those Systems. Also, additional features like food pickup trucks, accessible community lockers, and restaurant leftover finder will discuss in this review. In the end, the main objective is to develop a suitable food donation system with fewer mistakes for Sri Lanka.

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