Food Waste Management

Uddhav Gagare[1], Gaurav Katkar[2], Abhay Amate[3], Zuber Shaikh[4], Prof. K. S. Mulani[5]
Professor, Department of Information Technology[1]
Students, Department of Information Technology[2,3,4,5]
Sinhgad Institute of Technology, Lonavala, Maharashtra, India

Abstract: *An intelligent logistics system is an important branch of intelligent transportation systems. It is a great challenge to develop efficient technologies and methodologies to improve its performance in meeting customer requirements while this is highly related to people's life quality. Its high efficiency can reduce food waste, improve food quality and safety, and enhance the competitiveness of food companies. In this paper, we investigate a new integrated planning problem for intelligent food logistics systems. An important goal in our world today is to eliminate food waste by re utilizing available food sources within local communities: leftover food items in restaurants, stores and food distribution centers that may be approaching expiration; and any perishable items not used in entirety within their desired period. This is highly significant, particularly during crises such as the COVID-19 pandemic. This paper focuses on creating an interesting mobile application (app) that provides a ubiquitous platform wherein users can visualize available food resources in their local area and consequently gain access to food, thereby tackling two major issues, i.e. hunger and food waste.*

Keywords: Food delivery, Consumer, NGO, Android application

REFERENCES

[1]. Y. Cao, D. Barrett, A. Barbu, S. Narayanaswamy, H. Yu, A. Michaux, Y. Lin,

[2]. S. Dickinson, J. Mark Siskind, and S. Wang, "Recognize human activities from partially observed videos," in CVPR, 2013.

[3]. G.Johansson,"Visual perception of biological motion and a model for its analysis, "Perception psychophysics, 1973

[4]. Q. Ma, L. Shen, E. Chen, S. Tian, J. Wang, and G. W. Cottrell, "Walking walk-ing walking: Action recognition from action echoes," in IJCAI, 2017.

[5]. V. Veeriah, N. Zhuang, and G.-J. Qi, "Differential recurrent neural networksfor action recognition," in ICCV, 2015

[6]. M. Liu, Q. He, and H. Liu, "Fusing shape and motion matrices for view in-variant action recognition using 3d skeletons," in ICIP, 2017.