

6. Latest crowdsensing app

- a. LineKing (LK) is the first mobile crowdsensing system that explore line wait-time estimation in a coffee shop.
- b. TagSense - leverage camera, compass, accelerometer and GPS sensors of the phones to provide an image tagging system
- c. MoVi - smartphones to enable collaborative sensing using videos for recognizing socially interesting events
- d. T-Share – taxi sharing services that accepts passengers’ real-time ride requests sent from smartphones and schedules taxis to pick up passengers via ridesharing, subject to time, capacity, and monetary constraints. T-Share first searches the index for a set of candidate taxis that are likely to satisfy a user’s query based on some temporal constraints. A scheduling algorithm is then proposed to insert the query’s trip into the existing schedule of each candidate taxi, finding the taxi that satisfies the query with the minimum increase of travel distance
- e. Ear-Phone – noise mapping system. Noise-level data is collected without informing smartphone users.
- f. Deeplns – an inspection system that uses deep learning that improves computing efficiency and build a real time system for inspection. It analyzes the input images captured by sensors and finding the defective products

References

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- [4] H. Yang, Y. Deng, J. Qiu, M. Li, and M. Lai, “Electric Vehicle Route Selection and Charging Navigation Strategy based on Crowd Sensing,” vol. 3203, no. c, 2017.
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Notes: This note is just a guidance for myself. It may benefit for you all too. For further reading, do read the journals in references.

Sincerely

-AHMAD-