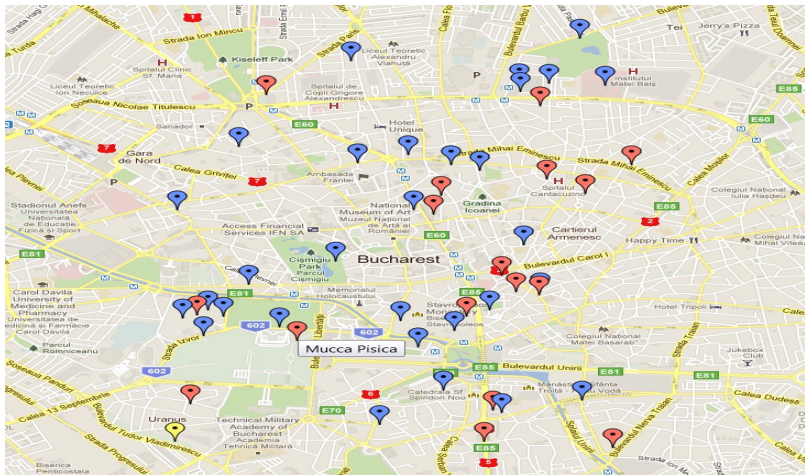


# Speech Technologies and Big Data

## ANDROID

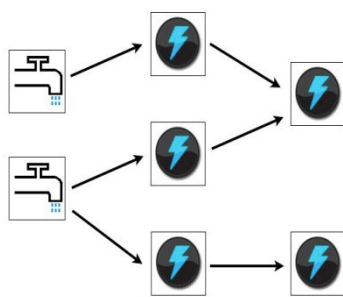
Listing street vendors on GOOGLE MAPS



## CMU Sphinx

Open Source Toolkit  
For Speech Recognition

## STORM



**A Storm topology**

### Team Members

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### Mentor

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## Street Vendor Application:

- ⌚ This project enables the millions of street vendors in India to automatically populate details of their shop or service along with photos, location, etc. onto online business listings.
- ⌚ The services or goods offered by the vendor are input in the form of speech. The listings are available to normal text based local search as well as speech based search.

## Speech Recognition using STORM:

- ⌚ This project aims at pipe-lining the speech recognition subsystems such as feature extraction, acousting training, language training, recognition etc. over multiple nodes on a cloud.
- ⌚ The project proposed is to use the STORM infrastructure and pipeline the speech data over a variety of nodes running special purpose speech processing functions.
- ⌚ Speech processing is done using CMU Sphinx-the open source Toolkit.

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