CS 525M Mobile and Ubiquitous Computing
Mid-Project Update

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1: The problem you are trying to solve

- I want to use multiple data streams on a mobile device to combine location-awareness and discovery with personal interests to create a personalized score for a location.
  - “Where am I?”, “Where have I been?”
  - “What does this place have for me?”
- Apply personal keywords to a place.
- See how personal interests intersect with a place.
2: What you have done

- Signed up for API keys:
  - GeoNames, Flickr, Eventful, ...
- Started exploring with an Android app:
  - Detect location
  - Retrieve XML data from web services
  - Display raw and parsed XML results
- Identified related resources:
  - Academic papers, web sites, ...
3: What you plan to do to finish the project

- Complete the app
- List of categories and subcategories to use
- Process the XML data (Food, Places, Events, Photos)
- Let user enter preferences for categories
- Display a report of "Local and Me"
- Add maps (?)
- Have people try the app
- Conduct survey and analysis on the app