Project suggestions

cse646
Sensing mashup

✦ Over Ushahidi,
✦ Google Maps,
✦ ???
Amber Alert

- Implement this as a social network application
- facebook?
Crowdsourced noisemap

- Search for keywords on Twitter, Facebook, ???
- Fuse information
Proximity logger

- We have an existing implementation, with efficient sleep wakeup
- Improve on it, deploy it
- Hospital applications
Remote telemetry

- SMS based,
- Art will donate equipment for you to deploy an interesting application on
Habit tracking

- Personal improvement
- Pitch me your application for WSN or phones
Corridor monitoring

- We have lots of XSMs
- Deployed parking lot monitoring
- Build on it, deploy corridor monitoring at UB
XSMs on wheels

- Put them on the buses
- Delay tolerant networking
Compression of streams

- High rate data streaming needs compressing
- Existing implementation
- Deploy, analyze, report experience
Paxos on motes

- If you have taken my distributed systems course, put that to use on motes
Distributed component object model on WSN

and phones?
Location based reddit
Audubon bird watch app
Military apps
Pollweet personality test

◆ Friend recommendation
History-timeline tweets

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