Nudge
(a gentle reminder, where and when you need it)

Team Bacon
Reed Molbak and Jessica Chung
molbkr@uchicago.edu  jchu542@uchicago.edu
To-do lists aren’t context-aware

- To-do apps on mobile phones don’t take advantage of the technology available to them. They rely on you checking them to remind you of anything.
To-do lists should tell you what you should do, when you need to do it

- The app will associate contexts with tasks -- place, time, date, and even priority -- and “nudge” the user to accomplish a task.
- Our to-do app will take advantage of the technology available in a mobile phone

Nudge!
Buy stamps!
Demonstration!

Imagine you’re a UChicago student...
How It Works: the Pieces

Nudge Entries List
- writes entries with list of places
- reads entries and checks our list

Google Places
- searches on an entry’s loc field
- returns a potential list of places

Location Service
- requests location updates
- returns current location

Nudge Activity: the interface
- adds entry
- gets nudged!
Every 5 minutes: How much have I moved?

> 250 m // forced

Update my potential places

> 10 m & < 250 m

Check my location against potential places
Future Features

- Calendar integration - the ability to silence a task when you are in a “busy” time slot
- Two sided reminders - “return a library book” or “mail a letter”
  - Permanently set work and home locations
- Predictive → suggested tasks given a memory of locations or time periods, re: Google Now