Recitation 6: Design Project

MIT - 6.033
Spring 2021
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- Ground rules
- Spec change
- Things to think about
- Evaluate under different loads
  - think about how to do this.
The design project is about contact tracing/exposure notification.

You are not required to focus on EN for any specific pathogen. If you and your team decide to pick one example and focus on that, that's okay too.

Please be sensitive of each other... we're in the midst of a super-stressful situation and pandemic has affected all of us.

Reminder: S³, Student Mental Health, are resources for you to use!
Design project

- It's big & complicated
  * Like a paper, will not understand immediately
  * Spec will change over time
  * Broken down into pieces to be manageable
  * You don't need to develop a soln now

- Why a design project
  - Problems are complicated, messy, underspeed
  - Teamwork is crucial

⇒ Amir shares experience with design project.
Maybe give a bit of detail on by

* Work on pub health proj
* Following EN projects

**Breakout rooms**

* What are the goals?
* What are the modules/parts?
* What parts exist already vs need to be designed?
Other questions

- Why does MIT not use one of these BLE-based EN systems?
- What incentive would people have to use the system? to report positive tests? to isolate?
- Are you using an EN system?
- Effect/Salvage of false positives?
- Wall between you & contacts?
- Can broadcast BLE in background?
- Privacy: Do you want to notify people when they were exposed?
- Evaluation: How will you know if the system is “working”?
- What does this even mean?

⇒ Answer the question you wish you’d been asked.