Recitation 6: Design Project

MIT - 6.033

Spring 2021

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- Ground rules
- 5min from Amir

- Spec change

- Things to think about

- Evaluate under different loads
  ↳ think about how to do this.

Background

* The design project is about contact tracing / exposure notification.

* You are <u>not</u> 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: S^3, 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, underspec'd
  ↳ Teamwork is crucial

⇒ Amir shares experience with design project. ⇐

Maybe give a bit of detail on bg
  * 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 <u>use</u> one of these BLE-based EN system?

- What incentive would people have
  - * to use the system?
  - * to report positive tests?
  - * to isolate?

Are you using an EN system?

- Effect/fallout of false postius?
  ↳ Wall between you & contacts?

- Can broadcast BLE in background?

- Privacy: Do you want to notify people <u>when</u> 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.