Milestones

1. Elevator Pitch and Related Work (Sept. 24)
2. Needs Assessments Initial Results (Oct. 8)
3. System Design, and Initial Implementation Results (Oct. 22)
4. Sustainability / Financial Factors (Nov. 5)
5. Feature Complete (Nov. 19), General Progress Report
6. Working Demo (Dec. 1)
7. Final Presentation Event (Dec. 10)
Elevator Pitch

• ________
  is a ______________________

• for
  _________________________

• that, unlike
  _______________________

• _______________________

• This is good to have so that:
  – you know what you’re doing
  – you can easily explain it to others

* from Hal Abelson’s class
Elevator Pitch

- **<name>** is a **<service / app / device / platform / ?>**
- for **<purpose, problem that it solves>**
- that, unlike **<alternatives, current way it’s done>**, **<what it does differently>**
- **This is good to have so that:**
  - you know what you’re doing
  - you can easily explain it to others

* from Hal Abelson’s class
Solutions and Related Work

• The Present Solution
  – How are things done now?
  – What is wrong with that?

• Alternative Solutions / Related Work
  – Has anyone else come up with a better solution?
  – Has anyone done something not directly related that may be useful?

• Your solution (what can you do)
  – Just use existing solutions and put them together
  – Modify / extend existing solutions
  – How?
Milestone #1 (Sept. 24)

- Present your elevator pitch (1 minute)
- Present Solutions and Related Work
- What you need to do to prepare
  - talk to your project partner to get context, purpose, and current solution (start now!)
    - this is also a form of Needs Assessment
  - do background research on existing/related solutions
  - write-up your proposed improvement
Milestone #2 (Oct. 8)

- **Present Needs Assessment and Feedback results from partner**
  - What does your partner think about your proposed solution?
  - Does it fit their needs?
  - How does this affect your plans?

- **What you need to do to prepare:**
  - Present your Milestone #1 report to your project partner (on Sept. 24, regardless of whether you are called)
  - Get their feedback
  - Think about how it affects your proposal / plans
Milestone #3 (Oct. 20)

- System Design and Initial Implementation Results
  - How are you going to achieve your goal?
  - What are the components of the system?
    - block diagram
  - How is it used?
    - users and interface to users
  - How does it work?
    - what happens in different use cases
    - what data moves where?
    - what computation needs to happen?
  - Any potential difficulties?
    - e.g., certain assumed functionality not being available
  - Progress report on initial implementation
- Start working on this asap (Sept. 24 or even before)