
Team Formation



Projects Selected by Class

- A. Giving Farmers a Fighting Chance (Monterrey Tec)**
- B. Mobile social network for students in low-income communities (Telmex)**
- C. Thrive in Five Baby Blog (Boston Mayor's Office)**
- D. Mobile diagnostics (CIDRZ, GE Healthcare)**
- E. Multilevel marketing for microfinance (COBIS)**
- F. Disaster Management + Mobile Sensors and GPS Mapping (CRS + InnovGreen)**
- G. M-commerce interface (United Villages)**



Team Formation

- **These are small teams, each member puts multiple “hats” on. All workload must be equally distributed.**
- **However, each team member will be designated to log team accountability of:**
 - **Operation matters (MIT)**
 - **Sustainability matters (MIT)**
 - **Software Development matters (MIT)**
 - **Systems Architecture matters (MIT)**
 - **Media and Communications matters (Emerson)**



Contacting your Project Partners

- **We will notify Project Partners of your selections, and will get them ready to be contacted**
 - **Contacts should start no earlier than tomorrow**
- **Next Steps:**
 - **Meet your Team Advisors and map out a formal strategy for interacting with your Project Partners**
 - **Team Advisors will give you contact data and any more information that we have on projects**
- **Please make sure your communications with them are ORDERLY and CONSISTENT, as they have many other things to attend**



Milestones



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

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

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)**



Readings



Readings

- **See readings in the syllabus**
- **Pick a paper to present to class**
 - **Pick one you are personally interested, and may have experience in**
 - **You should**
 - **Summarize the paper for everyone in class**
 - **Give your own input. Feel free to relate it to other papers / articles / or personal experience**
- **Put your name next to the paper in the online survey.**
 - **It will be online 7pm today. First come, first serve.**
- **Be ready to present on your designated date**



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MAS.965 / 6.976 / EC.S06 NextLab I: Designing Mobile Technologies for the Next Billion Users
Fall 2008

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