**Outline**

- Your one-minute feedback from last week
  - Topics of main interest: prototyping, testing
  - Peer reviews
    - How was it? Can we improve the process?
  - Informal team discussions after milestone #1
    - How industry projects move forward depending on the outcome of presentations / pitches
  - Your questions
  - Upcoming milestone deliverables
  - Prioritization of features
  - Testing in the project lifecycle

**Next Milestone – Preliminary Release**

**Deliverables:**

- Application sources and binaries
- One-step build for all sources
- Latest spec & design documents
- Release notes
  - Instructions on how to run a (small) demo of your app
  - Known issues with prioritization
- Automated (unit and acceptance) tests
- Up-to-date schedule

We highly recommend:

- Have a testing framework established
- Albeit with few tests present yet
- Start working on an installer

**CSE403 Section 5:**

**Prioritizing Features; Testing in the Project Lifecycle**

Valentin Ramon, CSE403, Sp15

**Prioritizing**

Assume you have 100 features to implement.

- What are the main factors to consider when prioritizing features for your project?

- How do you put them together to arrive at a priority level for a given feature?

**Testing**

- Testing helps to establish if
  
  ____________________________.
  because ______________________.

- Testing begins (when?)
  
  ____________________________.
  because ______________________.
Testing

- How much does each dollar invested in early defect tracking save the project later on?
  - (A) $0.25
  - (B) $1.00
  - (C) $7.00
  - (D) $50.00

- What does that imply for how much emphasis you need to put on testing?

Favorite Related Quotes

- “Doing things right is not as important as doing the right things.” (Drucker’s Dictum)
- “Verification == Did we build the product right? Validation == Did we build the right product?” (Barry Boehm)
- “Doing things at the last minute is much more expensive than just before the last minute.” (Randy Pausch)
- “If you haven’t got time to do it right, you don’t have time to do it wrong.”
- “Good judgement comes from experience. Experience comes from bad judgement.”
- “Failing to plan is planning to fail.”
- “Work expands so as to fill the time available for its completion.” (Parkinson’s Law, 1957)