CS1320
Creating Modern Web and
Mobile Applications

Lecture 35

Testing Lab II

Testing Lab

- Each person is responsible for testing one or more aspects of your project
  - Multiple people can test different scenarios, etc.
  - Each person comes up with their own test cases
  - Can work together where appropriate
    - E.g. one person creates selenium test cases using UI
    - The second person converts these into a runnable script
- Lab is your chance to get started, get help, etc.

Possible Tests

- User Testing (usability): (bdognom-v2:5002)
- HTML/CSS/Link validation (w3c)
- Front end functional testing: qunit, jasmine
- Back end functional testing: jasmine, node-unit, …
- Web site testing (selenium)
- Compatibility testing (browsershots)
- Performance testing (gtmetrix)
- Load testing (jmeter)
- Security testing (netsparker)

Specific Tasks (Lab 2)

- Take one or more user studies

- Demonstrate selenium tests on you project

- Consider setting up a jmeter test

Testing Lab Report

- Homework
  - Groups will present a short summary of their testing plan and what was discovered
  - Hand in an individual testing report
    - Who did what
    - What tests were run
    - What the tests showed
    - What you did to fix things
  - Due by next Monday
    - We want to give you enough time to do real testing
    - Testing shouldn't stop at that point – should be continuous

Next Time

- Next Time:
  - Testing Lab Part III
  - Anatomy of a web application