



CS1320

***Creating Modern Web and
Mobile Applications***

Lecture 34

Testing Lab

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 (First Lab)

- Set up a user study
- Allocate tasks
- Set up one or more selenium tests
 - Start with recording interactive sessions
 - Then consider translating these into code
- Try taking a user study
 - Provided they have been set up

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 II