Team Meeting

Feb 6

I'm sorry the slides are not very good today. Grading again took longer than expected and that cut pretty deeply into my prep time. There are some demos I'd hoped to get together in time for class that simply did not happen.
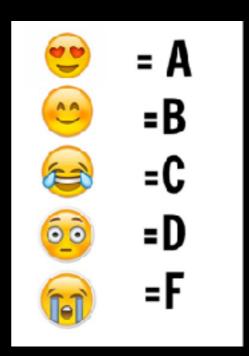
Meeting Agenda

👽 Why Webservices?

👽 Midterm Structure

👽 Testing and Test Automation

From the Dailies

👽 I got a very, very large amount of work done. I was unfortunate not to finish HW3 in time, but I should be completely finished with it by the end of Wednesday. The work over the past two weeks could've gone a lot faster, but I insisted on attempting to do things the hard way before giving into other solutions.

👽 Finally finished up everything. It's not pretty, but it works. html was all new for me, so I decided to focus on that, and not try to learn CSS to clean it up just yet.

👽 I read over the lost specs and assignment 5 specs... very confused... where is the lost api? I looked at your own lost github repo and can't really find any clues. coming to andy's office hours tomorrow.

👽 Read up on REST(http://rest.elkstein.org/ was helpful); worked on page displaying API possibilities. Will work on API interaction for tomorrow.

Project Point Spread

👽 13 with > 54 of 60 pts

👽 8 with >48 of 60 pts

👽 6 with > 42 of 60 pts

👽 1 with > 36 of 60 pts

👽 5 with <= 36 of 60 pts

😍 = A
🙂 =B
😂 =C
😳 =D
😭 =F

After assignment 3 was graded, I took a look at where we stand on incremental scores. Given the amount of pain I'm hearing, I think this is actually a pretty good distribution. I was concerned that it would be bimodal, as often happens in CS courses.

Phase o Deliverables

- 👽 Demonstration contractor can use OSNAP environment

- 👽 Demonstration contractor can migrate OSNAP legacy data

- 👽 Demonstration contractor can make a web application

- 👽 Demonstration contractor can meet OSNAP documentation requirements

Phase 1 Deliverables

👽 Regular feature demos
- 👽 REST Web Service
- 👽 Automated Testing
- 👽 Feature Set A
- 👽 Feature Set B
- 👽 Feature Set C

👽 Final delivery to DOIT operations
- 👽 Documentation complete
- 👽 Tests complete
- 👽 Code complete

MILE
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Why Webservices?

- 👽 Web pages are nice for people
    - 👽 Visual queues for content
    - 👽 Things to click
    - 👽 Attractive layouts

- 👽 Web pages are terrible for machines
    - 👽 Visual changes can change HTML structure
    - 👽 Several different interface idioms
    - 👽 AJAX is a nightmare for automation

Web pages are pretty neat. They let us publish content in a way that is easy for humans to interact with. After the humans work with the content for a while, we might want to automate… which causes webpages to come off the rails.

Web services are like web pages but are built specifically for programs to use rather than people. URLs are still used to identify content. HTTP is still used for transport. The interface tends to look like functions from a module or library API.

Midterm

👽 Practice Test is posted
https://classes.cs.uoregon.edu//17W/cis322/files/W2017_practice_midterm.pdf

👽 Midterm structure is subject to change... but this is what I'm thinking
  👽 Trivia questions
  👽 Design/planning questions

I know you all would be sad if I didn't give you tests. I have posted a practice midterm that shows what I'm thinking of for the actual midterm and final.

Trivia questions are intended to evaluate if you have working mental model for some of the underlying tools and technologies your using. All of you have used the shell, git, and SQL several times to complete the assignments… the questions should not be too hard. You will need these mental models to be effective on projects.

The planning and design questions are intended to evaluate your ability to assess, order, and decompose work. You do this every time you choose a plan of attack for assignments. You will need these skills to be effective on large projects.