CPSC 3720
Lesson 29

Connie Taylor
Professor of Practice

School of
COMPUTING

Class Updates

- Sprint 1 – You have until before class on Monday to get your issues cleaned up for a regrade with no penalty (we will review issues today).

- Quiz 3 will be due at 11pm on Tuesday Oct 27. It will cover class 18+; same format as past quizzes (15 min, 6 questions, open note)
  - RESTful APIs
  - JSON
  - Definitions – Microservices, etc.
  - DFDs

Sprint 1: Agile Issues

❖ Backlog stories should move through complete and do not need duplicated

❖ Remember to include Impediments on Agile board

❖ Tasks should be part of stories and have owners

❖ Call out your scrum master somewhere on the board

❖ Don't complete all work at the end and all work should be put into completed list at the end of every sprint or moved back to Backlog (spilled stories)

❖ Retrospective Action Items are to be team improvements and not work items (be careful who you copy ☺!)

Sprint 1: API Issues

❖ API Doc and Mock collections <u>should be generated from the API Definition</u> – if you do these separately you will get out of synch

❖ I could not find collections for a few teams – for next sprint leave your collections and definitions in your Team workspace and I will ask you to name them in the submission so I can find

❖ Examples should be created within the Mock server; you don't need to create separate APIs as examples

❖ Documentation was sparse for some teams

❖ Could see Conway's Law in effect for a few teams

❖ Some of you have not read and reviewed the following:

   ❖ https://www.smashingmagazine.com/2018/01/understanding-using-rest-api/

   ❖ https://swagger.io/docs/specification/basic-structure/

   ❖ https://app.swaggerhub.com/help/tutorials/openapi-3-tutorial

   ❖ NEW: https://medium.com/@amirm.lavasani/restful-apis-tutorial-of-openapi-specification-eeada0e3901d

   ❖ **Hint**: you will need to understand these for your next quiz

Sprint 2 Reminders

- Pick two Epics from the Sprint 2 list in the Trello **3720 All team Hub** (same list as last time) that involve your service

- Create a DFD for the two epics for review by Monday (submit in Canvas and any format); clearly label all processes/data stores and data flows with the entity flows

- You will add the DFD work to your overall sprint tasks and it will also be part of the rubric for this sprint

- You will create APIs that are required to support these two Epics

- All deliverables are the same as Sprint 1 + DFDs (see rubric)