**CPE 402 11/17/2015**

Why estimates?

* to let customer know cost (pay by hour), time
* to help you order decisions
  + aka to prioritize choices
    - needs to be accurate to keep productivity high
    - but don’t need to be 100% accurate

How do we estimate?

* use story points (story point = agreed upon unit of work)
* use Ideal Developer Day (IDD = amount of work done by typical developer in a standard day)
  + 8 IDDs in 2-week sprint + 2 days for meeting, planning, training, etc. (overhead)
* just use hours
  + modified fibonacci: 1, 2, 3, 5, 8 (biggest we can estimate)

Little’s Law

* throughput: (avg. # of items is queue) / (avg. time to complete an item)

FIT and FitNess

* both use test-bus style architecture
  + test through business logic, avoid GUI altogether
  + allow user to write and run tests via excel spreadsheets or wikis

Acceptance Tests

* primary value: now know what you are working towards (final step of clarifying what you want to do)
* write first, stops over-coding

**CPE 402 12/01/2015**

CRUD:

Create

Read

Update

Delete

Ask yourself these four questions- where do I do each part of CRUD? (e.g. for ride offer, etc.)