Sprint Planning

- Product backlog should have stories/use cases prioritized
  - **Story**: Name; As a [role], I can [feature] so that [reason]; **Acceptance test** = 1+: Name, Given [context], when [event], then [outcome]
  - **Use case**: Name, Actors, Precondition(s), Event flows (normal/exceptional); **Acceptance test** = Postcondition(s)  
  - Contact Instructor/Tas for help with these if needed!

- Break up top two stories into tasks of 1/2 day or 1 day long (multi-day OK for a few)
  - Repeat until you have at least 10 days worth of work for each team member

- Go around the team, having each pick a task to perform
  - Until each team member has 10 days worth of work
  - Give each task 2 tests: normal case, exceptional case
  - Different team member than one implementing the task will review/test/accept push to master

- Document story, acceptance test, task breakdown, task tests, and task assignment (team member)
  - Draft project or Trello cards
  - If Trello: then put Name and link to trello card in the Draft project
  - Share with instructor, TAs, and mentors (emails on course website)

- **Note** that you are required to have a component in C++/Java (analysis, event, service)
Sprint Review

• Team presents what it accomplished during the sprint
  • Demo **new features: completed stories and use cases**
  • Note that this is a code demo
  • Note that this is **separate** from task tests
  • System should be demonstrated end-2-end as part of this process

• Informal meeting, no slides
• Whole team participates
• Open to everybody
Sprint Retrospective

- Periodically take a look at what is and is not working
- Done after every sprint
- Scrum Master, Product owner, Team and possibly customers and others can participate
- One way of doing sprint retrospective is to ask everyone what they would like to
  1) Start doing, 2) Stop doing, 3) Continue doing
- Or 1) What worked, 2) What didn't, 3) What should change

- Alternate positive, negative around membership, then repeat
  - So everyone has a chance to share something “good” and to “vent”

- List negatives/what didn’t work or should change
  - Each person gets 2 votes; place on items in list
  - Item with most votes is what is worked on in next sprint