**Recorded Presentation**

**Requirements of PowerPoint**

1. No videos needed, do a PowerPoint with audios imbedded.
2. We need audio included in EVERY SLIDE.
3. Include the slide number in each slide.
4. In the bottom left corner we will put the name of the person speaking and their role!

**PowerPoint Tips**

1. Starting at the CRC, for How: show 2 CRC cards to help explain and then go over elements. Card 2 will be a collaborative class for card 1. (Digital is expected but we can put a picture of the card on the top right).
2. Go back and forth between the high and low level, for example: discussing CRC in general and then focusing on 1 or 2 cards.
3. In contracts, show a contract within the already shown crc cards.
4. Before moving to subsystems, inslide between crc and subsystems: Place class collaboration graph (the huge one with all the classes, no subsystems)
5. use that to lead into the discussion of subsystems

**Subsystems**

1. For what, why, and how just show 1 subsystem and, ***preferably*** one that has the 2 previous cards within it
2. Before moving to protocols, you should show that subsystem’s collaboration graph.

**Protocols**

1. Continue with the same crc cards and contracts (for the consistency).
2. Show a protocol with signatures and preconditions etc.
3. Prefer formal, but any kind of presentation is fine. Just ensure that they can unserstand what you are saying.

**Tell lead programmer**

1. Since implementation will not be done yet, salamah wants a method of how we are breaking down task and implementation assignments. essentially some sort of schedule on how we will get it to work. Put a responsible part for a subsystem, due date (its fine if they are in the future) and then state the progress as well! Touch on programming languges, ide, etc that we are using
2. Integration can be a part of lead programmer or part of V&V.
3. If the lead programmer does it, then we do not need sample integration test but V&V DOES NEED TO DO IT REGARDLESS
   1. Example:”we will integrate sub 1 and sub2 and then move on to blah blah”

**GENERAL TESTING AND V&v**

1. Talk about testing, what type were doing, difference between blackbox/whitebox, etc
2. Speak in my own words, no copying!!!
3. Salamah definitely wants to see a few blackbox tests.
4. MAKE SURE WE EXPLAIN WHY WE USED A SPECIFIC TEST.
   1. "we are going to show you blackbox testing, the reason we used it is x,y,z and then show him the example"
5. AT LEAST 2 TYPES OF BLACKBOX TESTING AND DEFINITELY 1 WHITEBOX TEST WITH CODE, CFG AND TESTCASES.
6. Put in V&V for other things like tracing and spreadsheets, etc (OPTIONAL)

**Team performance**

We can either have all of us talk in 4 separate slides or have 1 person talk. Its up to us

**Question Answer Session (In person)**

1. There will be 4 minutes where we talk about the project with our team
2. 'This semester we started off with CRC and then moved to then blah blah blah'
3. Essentially sum up the experience
4. **IMPORTANT**: We are going to come up with a script but whoever gets asked WILL BE RANDOM
   1. SO HAVE EVERYONE KNOW THE REVIEW FROM THE SEMESTER (Likely make a script)

**What we need submitted on Wednesday**

1. Make a final presentation subfolder in ibm
2. Put final presentation
3. Put final SCM Document
4. Put Final Design Document
5. Put current Test plan (whatever we have at that stage)

**TEST PLAN (Salamah Wants this for the Friday the 14th Test thing)**

1. UNIT TEST
   1. All should have written some code!
   2. Everyone should have tested something
   3. Every individual should have at LEAST 1 whitebox and blackbox test (NOT JUST V&V)
   4. NEVER TEST THE CODE YOU WROTE ()
2. Integration Tests
   1. Write Integration Tests for every protocol that we have
   2. They must at least touch every method ONCE
   3. EVERY METHOD MUST BE USED IN AT LEAST 1 INTEGRATION TESTS
3. System Tests
   1. When we take 1 function of the system and test using blackbox
   2. MUST BE A TABLE (User does this, system does this, go until function completes)
      1. Explanation of line 2! (must be done for each point in the demo!)
         1. User hovers over file menu, system changes color
         2. User clicks file, system displays menu
         3. User clicks new, system shows new presentations
         4. User double clicks,
   3. Can pick each use case and pick a system test
   4. Or go to the demo guideline and come up to a system tests for that

**UPCOMING DUE DATES**

1. Protocol document tomorrow
2. Test 2 Review Sunday at 1pm (likely in same classroom)
   1. Don’t forget if 90% show up we get 2 points added to our FINAL GRADE!!
3. Video presentation due wednesday
4. Thursday is presentation in person
5. A week after that is demo and final test plan

**WE WILL GET HIT FOR AN INCOMPLETE DEMO**

* 1. He'd rather see 70% integrated than 90% done as units
  2. for example:50-70% that is integrated is better than 100% as units!!!

**Essentially, we will get a better grade the more our system is integrated!!**