ECE 1778:
Creative Applications for Mobile Devices

Lecture 6+

February 12, 2020

Today

1. Logistics
2. Proposal/Plan Presentations

Project Time Line

Project Stages

1. **Forming Groups**
2. **Project Approval-in-Principle**
   - Email me your GitHub ID (& project name) if haven't
3. **Project Proposal/Plan**
4. **Proposal & Plan Presentations**
   - Today and Tonight!
5. **Lecture on User Experience & Presentations February 26th**
6. **Spiral 2 & Spiral 4 Presentations**
   - 2: March 4/11 4: March 18/25
7. **Final Presentations**
   - Weeks of April 1/8
8. **Final Report Due April 15th**

Soon: Begin Work in Earnest on Projects

- **Execute the plans presented this week**
  - In addition to today's comments/questions, will send written feedback on Friday

- **Get the first working version going! (Spiral 1)**

- **Be ready for Spiral 2 presentation March 4/11**

Spiral 2 Presentations: March 4 and 11

Four slides with content due March 3 at 6pm, in Quercus

1. A quick reminder of the overall goal and function
   - (2 slides)
   - Being sure to provide enough context
2. **Demo** of Spiral 2 – live! Projected from phone!
   - (1 slide)
3. State the Spiral 4 goal
   - what you'll have working to demo next (1 slide)

- Time Limit again 6 minutes, 5 minutes for questions

Projection of Phone Technology

- **Projecting Android can be a challenge**
  - If your group doesn't have a good Android phone, see me
  - Please download the AirDroid App: https://www.airdroid.com
  - Please give your phone the name of your group
  - I will have an Airdroid password

- **Projecting iOS – is cleaner**
  - Will do with Apple TV & Airplay

- **Will be asking everyone to stay off the internet/wifi when you're not presenting**
  - I realize that's hard

Project Plan Presentations

Recall Structure

- **6 Minute Time Limit**
  - I will start timer that makes annoying sound when done, and expect you to be finished within 10 seconds after that.

- 5 Minutes for Questions

Proposal/Plan Presentation Contents

The Essence of the Proposal/Plan submitted last week, and perhaps modified since:

1. Goal (What & Why)
2. Give Mock-ups of What User Will See
3. Top-level Block Diagram of Code briefly explained
4. Statement of Risks/Issues
5. **Spiral 1 and 2 targets**
6. Specialist Statement
   – 1 minute, for Specialist to say what their contribution will be

Peer Reviews

- State the Project Name

- In one or two paragraphs each:
    1. State the goal of the project in your own words
    2. Which parts of the proposal did you understand, and what parts could be more clear? Why?
    3. What was the best thing about the proposal?
    4. What one thing could be improved the most?

- Due Friday at 6pm;

- Upload on Quercus – now to a specific assignment "Proposal/Plan Peer Review"

- Assignment has link to the presentations & your specific assignment

Morning Presentations

#	Project
1	Discharge Patients Helper/E-Health Manager
2	ED Concierge
3	Fit-tune
4	WhichFace
5	iBand
6	Jungled Jumble
7	MAX

Evening Presentations

#	Project
8	Notate
9	PERLS
10	Place It
11	Qsort
12	SAAM
13	Sentinel
14	Healthy Partner