ECE 1778:Creative Applications for Mobile Devices



Lecture 11 March 31, 2020



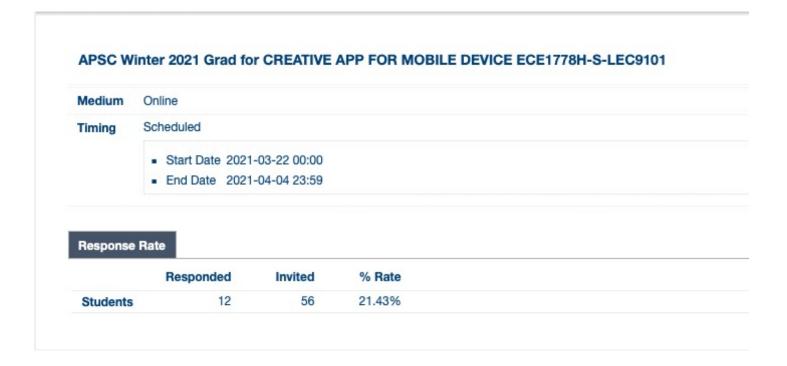
Today

- 1. Logistics
- 2. Final Presentation & Report Specifications
- 3. Peer Review
- 4. Spiral 4 Presentations, cont'd



Course Evaluations!

- You will have received invitation to review course
 - I don't see till next term
 - Do see response rate, currently 12/56 registered students





Project Time Line



Project Stages

- Groups Formed
- Project Topic Approval-in-Principle
- 3. Project Proposal/Plan
- 4. Proposal & Plan Presentations
- 5. Lecture on User Experience & Presentations March 3rd
- 6. Spiral 2 Presentations
- 7. Spiral 4 Presentations
 - March 24
 - March 31 (today)
- 8. Final Presentations
 - Weeks of April 7/14
- Final Report Due Wednesday April 21st



Final Presentation



Final Presentations

- Weeks of April 7 and 14
 - Let me know by April 2 if you have a specific date requirement

Maximum 8 Minutes

– More time than usual!

Must Be Self-Contained

- What does this mean?
- Assume audience has **no** previous knowledge of your project
- Who is the audience?
 - This class, TAs, Instructor
 - Your future employer
 - Your friends, parents



Required Content of Final Presentation

1. Describe motivation/goal – What & Why

2. Description/Demo – with a Good Narrative!

- Describe how it works and demo it in the best way that conveys the essence of your work
- Could include weaving of demo + explanation

3. Describe the Structure of the Software

- A picture may be appropriate here;
- <= 2 minutes; choose the right level to describe; ask if unsure</p>

4. Future Work

additional capability/features if work was to continue

5. Key Learnings - reflection

- What would you do differently if starting again?
- Please put thought into this



Video Recordings

I will record the final presentations

- You will have the choice as to whether recordings will be posted publically
- The entire group must agree to posting



Final Report

Due Date, Contents



Final Report

- Due Date: April 21
 - Last class is April 14

Maximum 2500 words

- Penalty 5% of final report grade for every 10 words over 2500
- Report must include word count in document & compute penalty
- Minimum font size 12 points
- Pictures & words in pictures, and references not counted



Final Report Content

- 1. Introduction
 - What & Why
- Statement of Functionality & Screen Shots from App
 - Describe the overall functionality of the work
 - For parts that did not work, describe & speculate as to why
- 3. Overall Design
 - Block diagram, description of each part
- 4. Reflection: What did you learn what would you do differently?



Final Report Content, cont'd

5. Contribution by Each Group Member

Describe what each group member did in project

6. Specialist Context

- 500 words max, included in main word count
- Describe how what was achieved can influence your research field, or the field of application.
- Written by the Specialist

7. Future Work

- How could the project be augmented to make it better?
- Suggest additional features and capabilities



Final Report Content, cont'd

- 8. State if **OK or not** to publicly post each of the following on the Course Website:
 - 1. Video of final presentation
 - 2. Report
 - 3. Source code
 - All group members must agree for each one of these to be a 'yes'; Please state clearly that all members agree in the case of yes.
- Source Code must be committed to GitHub Archive
 - Not claiming any ownership, just want right to review



Spiral 4 Presentations



Peer Review Questions

- 1. Summarize the Goal of the Project in your own words.
- 2. Give a suggestion for a **narrative** that they could use in their final presentation
 - Narrative is some kind of story they could use to make the goal and features clear
 - different from one that they used
- Suggest one additional feature/function that you think could improve the project, that fits with the original goal

Due the Friday of the week of the Presentation

Please submit PDF



Presentations March 31

#	Project
11	U Health
12	Present Better
13	CalmMind
14	IllumiSmart
15	Interview log
16	Ready
17	iPhasia
18	Lightbulb
19	NWTO
20	Tootti

