ECE 1778:
Creative Applications for Mobile Devices

Lecture 10

March 24, 2021

Today

1. Logistics
2. Final Presentation & Report Specifications
3. Peer Review
4. Spiral 4 Presentations

Course Evaluations

- Please do respond to the Course Evaluations Request
  - response so far:

APSC Winter 2021 Grad for CREATIVE APP FOR MOBILE DEVICE ECE1778H-S-LEC9101

Medium	Online
Timing	Scheduled

- Start Date 2021-03-22 00:00
- End Date 2021-04-04 23:59

Response Rate

	Responded	Invited	% Rate
Students	2	56	3.57%

Project Time Line

Project Stages

1. Groups Formed
2. 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 (today)**
   – March 31
8. Final Presentations
   – Weeks of April 7/14
9. Final Report Due 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!
- **<u>Must Be Self-Contained</u>**
  - 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 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

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

2. 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

3. 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**

One Last Note

- If you are presenting next week, you should take a snapshot of your code as of **today and** be sure to present that.

- You **should not** use the extra week to develop more features (put in final presentation instead)

Presentations March 24

#	Project
1	Public Protector
2	Re:Food
3	Track-a-mole
4	Chordable
5	Dynasway: Concussion
6	Flexinome
7	ShopAware
8	Protosight
9	Paxifist
10	ParkinSense

Presentations March 31

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