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

<table>
<thead>
<tr>
<th></th>
<th>Responded</th>
<th>Invited</th>
<th>% Rate</th>
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<tbody>
<tr>
<td>Students</td>
<td>2</td>
<td>56</td>
<td>3.57%</td>
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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!

- **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 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 postedpublically
  - 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?
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
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

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<thead>
<tr>
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<tr>
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<td>2</td>
<td>Re:Food</td>
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<td>3</td>
<td>Track-a-mole</td>
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<td>Chordable</td>
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<td>Dynasway: Concussion</td>
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Presentations March 31

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