ECE 1778: Creative Applications for Mobile Devices

Lecture 12
April 7, 2020
Today

1. Schedule
2. What’s Next?
3. Final Reports
4. Final Presentations, Part 1
The Schedule

1. Today: Final Presentations!
   - Continues next week

2. Final Report Due Wednesday April 21\textsuperscript{st}
   - at 6pm. 1 Mark off for every hour late.

3. **Pub Night**: traditional ECE 1778 post-course get together
   - Not possible this year, in person
   - Could do a zoom pub, bring your own drinks & snacks
   - Chance to sit around and talk about the future?
   - Send me an email if you’d like this; stay tuned for details
What Next?
The Course Ends

- Some of you may wish to continue working on your App, which I’d strongly encourage.

- An issue is that you actually have other plans:
  - Grad school
  - Job
  - A career

- Even given that, it would be great to see some of these apps end up on an App store or available somehow.
  - Please let me know if I can help.
OR

- Or, perhaps you’ve taken the idea so far, and someone else might want to pick it up.

- **AND**, you’re willing to let that happen
  - Your group owns the rights to the software

- **Recall: you must commit your source code to the Github repository**

- If you grant permission, I will post the source code along with your project
  - Could also delay that decision by a few months, say

- As we are a public institution: it can make a useful contribution to society, to publicly release your code
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
8. Final Presentations
   - April 7 (today)
   - April 14
9. Final Report Due Wednesday April 21st
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
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
Final Presentations
Final Presentations

- **Maximum 8 Minutes**
  - More time than usual
  - Less time for questions, so will be very brief

- **Please Introduce yourself & field/program**
  - Specialist: say field; introduce Programmers as programmers in ECE or Computer Science or MIE ....

- **Note – I am recording these presentations**
  - Will edit into separate videos, only published with unanimous permission
## Presentations April 7

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