
ECE 1778: Creative Applications for Mobile Devices

Lecture 10
March 18, 202



(1)

Welcome to Virtual Classes Online

- Gosh, this is a whole new world for everyone!
- It will take some getting used to!
- Would like to suggest we turn video on, if you wish, as it makes this more of a community.
 - Optional, but suggested
- You're probably sharing from more than one device – laptop/desktop and a phone!



Today

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



Project Time Line

(4)



Project Stages

1. Forming Groups
2. Project Approval-in-Principle
3. Project Proposal/Plan
4. Proposal & Plan Presentations
5. Lecture on User Experience & Presentations
6. Spiral 2 Presentations
 - March 4/11
7. **Spiral 4 Presentations**
 - March 18 (**today**)
 - March 25
8. Final Presentations
 - Weeks of April 1/8
9. Final Report Due April 15th



Final Presentation

(6)



Final Presentations

- Weeks of April 1 and 8
 - Let me know by March 25 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

■ We will record these 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 15
 - Last class is April 8

- **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* committed to Project 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 18

#	Project
1	PERLS
2	Fit-tune
3	Jungled Jumble
4	Sentinel
5	ED Concierge
6	MAX
7	Qsort



Presentations March 25

#	Project
8	iBand
9	Notate
10	WhichFace
11	Healthy Partner
12	SAAM
13	Place It
14	E Health Manager

