ECE 1778:
Creative Applications for Mobile Devices

Lecture 10

November 18, 2016

Today

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

Project Time Line

Project Stages 16f

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**
7. Spiral 4 Presentations
   – **November 18 (today)**
   – November 25
8. Final Presentations
   – Weeks of December 2/9
9. Final Report Due December 14th

Final Presentation

Final Presentations

- **Weeks of December 2 and 9**
  - Let me know by Monday November 21 if you have a specific date requirement
- **Maximum 8 Minutes**
  - More time than usual!
- **Must Be Self-Contained**
  - What does this mean?
    - Assume audience does not have any previous knowledge of your project
- **Who is the audience?**
  - This class
  - 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. **Key Learnings - reflection**
   - What would you do differently if starting again
   - Please put thought into this

5. **Future Work**
   - additional capability/features if work was to continue

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: December 14**
  - Last class is December 9

- **Maximum 2500 words**
  - Docked 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 not counted

Final Report Content

1. Introduction
   - What & why – includes Specialist context

2. Statement of Functionality & **Screen Shots from App**
   - Did it work?   Describe & show parts that worked
   - 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.
   – Must be written by the Specialist only if one in group

7. Future Work
   – How could the app be augmented to make it better?
   – Suggest additional features and capabilities

Final Report Content, cont'd

8. State if **OK or not** to 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'

9. Source Code **must** also be submitted to the Blackboard Portal – there will be a separate place for that on the portal
   – 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 Monday November 28th at 6pm

–   Please submit **PDF**, and **do not** identify yourself on the same page that your peer review is, so I can easily send it anonymously to the group

One Last Note

- If you are presenting on November 25th, you should take a snapshot of your code as of today, and present that.

- You **should not** use the extra week to develop more features

Presentations November 18

#	Project
1	Ups and Downs
2	Patio
3	IntelliWork
4	UofT and Me
5	Timbre Tuner
6	YouVote

Presentations November 25

#	Project
7	Correctly
8	HIIT It!
9	Treasure Run
10	Trip Story
11	Cognitive Game
12	Habit Buddy