

# ECE 1778: Creative Applications for Mobile Devices



Lecture 10  
March 22<sup>nd</sup>, 2011

# Today

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1. Project Eventline
2. Final Report Specification Modification
3. Intellectual Property & Public Relations
4. Spiral 4 Presentations



# Project Eventline

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1. Forming Groups
2. One-Page Proposal & Approval
3. Design Plan
4. Plan Presentations
5. Initial Working App – Spiral 2
  - March 8<sup>th</sup>/15<sup>th</sup> - 5 minutes max
6. **Spiral 4 – A more functional version**
  - Today - 5 minutes max + 3 minutes comments/questions
7. Final Presentations
  - Weeks of April 5 & 12
8. Final Report Due April 12<sup>th</sup>
  - April 7<sup>th</sup> for those requiring early grade



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# Final Report, revised

Due Date, Contents



# Final Report Content - Revised

1. Introduction
  - What & why
  
2. Overall Design
  - Block diagram, description of each part
  
3. 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
  
4. What would you do differently – what did you learn?



# Report Content, continued

5. Contribution by group members
  - Describe what each group member did in project
  
6. **New, for Apper Projects: Apper Context**
  - 500 words, separate from main word count
  - Describe how what was achieved can influence your research field, or the field of application.
  - **Must be written by the Apper only**
  
7. What next?
  - How would the app be augmented to make better?
  - Where would you apply this?
  - Do you think this app could be commercialized? How?



# Final Report

- Main Due Date: April 12<sup>th</sup>
- If want grade by April 15<sup>th</sup> (for graduation)
  - Due on April 7<sup>th</sup>
  
- **Maximum 2500 words: To Encourage Clarity/Brevity**
  - Docked 5% of final report grade for every 10 words over 2500, or proportionate therein
  - Report must include word count in document
  - And calculation of penalty if over 2500
    - Count doesn't include the count or penalty 😊
  - Minimum font size 12 points
  - Doesn't include 500 words from for the Apper Context prose
    - 500 words also a maximum, same penalty applies



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# Public Relations & Intellectual Property



# Public Relations: Why

- I'd like to get some public notice for this course, because:
  1. The resulting projects are pretty interesting, no?
  2. I'd like more people in the University to know about the course for next year
  3. I'd like to get donations of phone hardware from companies



# Public Relations & IP

- In speaking with UofT PR, they'd like me to give them a short description of some projects
  - That they can send to newspapers, or put in a press release
- As mentioned in announcement, you may not wish your project broadcast in this way
- If so, tell me at the end of this class & I won't use it
- I'd like PR to come to April 5 or 12 presentations, so we'll need to think about how to protect in that case

# Today: Spiral 4 Presentations

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- Slide 1:
  - Remind us what the project is
  - State what is new from Spiral 2
- Slide 2:
  - Tell us what remains to be done (\*what your final version will be)
- Demo
- Will add in a few minutes for comments/questions
  - Based on some feedback last week



# Presentation Order

1. Aerospace Sensor Suite – Tarantini, Choi, Leonard
2. Infinite Mosaic – Yee, Zahedi
3. Sleep Apnea Detection – Sivagyogan, Leung, Lam
4. iAnkle – Shah, Carvahlo, So
5. Noise Mapper – Sabti, Bonilla, Shirali-Shareza
6. Mayday: Distress Detection – Mohammadi, Shakeri
7. City Fixer – Sunthar, Boyle
8. Market Research – Wilson, Attarwala, Das
9. Paintball Turret Control – Igharoro, Merat
10. United4Iran – Alagheband
11. Transportation Greener – Lu, Song
12. Carpool – Lourduraj, Hassan, Javed



# Presentation Order, cont'd

13. Solar Measurement – Labelle, Kemp
14. Aug Reality Shooting Game – Au, Zhou
15. Anti-Dementia Games – Karkokli, Kim
16. Audience Poller – Heidari, Sadeghlo
17. Network Pulse **UI** – Pu, Zhu
18. Network Pulse **Network** – Wang, Feng
19. Shoptimus Prime – Kipper, Leung
20. Face Authentication – Gao, Spachos
21. Mobile Wound Care – Fraser, Delorme, Durrani
22. MRI Visualization – Chen, Rodionov

