

# ECE 1778: Creative Applications for Mobile Devices



Lecture 9  
March 15<sup>th</sup>, 2011

# Today

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1. Project Eventline
2. Spiral 2 Presentations, cont'd
3. Spiral 4 Presentations Next Week
4. Final Presentation
5. Final Report



# Project Eventline

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> – last week & today - 5 minutes max**
6. Spiral 4 – A more functional version
  - March 22 – similar to Spiral 2– 5 minutes max
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



# Next Week – Spiral 4 Presentations

- Spiral 4 presentation format:

## 2 Slides

- 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 – this time with better camera capture!



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# Final Presentation

(5)



# Final Presentations – April 5/12

- Maximum 8 minutes
- Slide + Demonstration
- 4 Slides:
  1. Reprise topic & say what is new in this version
  2. Show overall design
  3. Describe what additional features ‘future work’ could have
  4. Say what you’d do differently if you were to start again
    - i.e. what did you learn?
- Demonstration
  - Should be good a demos by then! Learn from previous ones!



# Order of Presentation

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- Those who require grades by the 15<sup>th</sup> must present on the 5<sup>th</sup>
- Please let me know if you wish to go on the 5th
- I'll choose others to fill out the roster, and will post roster by the 29<sup>th</sup> of March.



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# Final Report

Due Date, Contents





# Final Report Content

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?
5. Contribution by Group Members
  - Describe what each group member did in project
6. 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**
  - 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



# Spiral 2 Demo

- Four more to do this week
  - new and Improved camera set up
- 5 minute time limit worked really well
  - was a good driver of brevity and clarity
- Key comment on communication:
  - Have a sense of what your audience knows, and speak to them at the level
  - Don't use acronyms or buzzwords they don't know



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# Last Four Spiral 2 Demos



# Presentation Order Today

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1. Market Research – Wilson, Attarwala, Das
2. iAnkle – Shah, Carvahlo, So
3. United4Iran – Alagheband
4. Paintball Turret Control – Igharoro, Merat

