ECE 1778:
Creative Applications for Mobile Devices

Lecture 11

March 27, 2012

(1)

Today

1. Logistics
2. Spiral 4 Presentations

Logistics

Project TimeLine

1. Forming Groups
2. One-Page Proposal
3. Project Plan
4. Proposal/Plan Presentations
5. Spiral 2 Presentations
6. **Spiral 4 Presentations**
   – Last SetToday
7. Final Presentations
   – The **next** 2 weeks – April 3 and 10
8. Final Report Due April 12th

Final Presentation

Final Presentations

- **Maximum 8 Minutes**
- <u>**Should be self-contained: Someone can understand it, seeing it for the first time**</u>.
  - Describe motivation/goal
  - Overall Design
  - Demo
  - Key Learning - What you'd do differently if starting again
  - Future Work – additional capability/features if work was to continue
- **We will record these presentations**
  - You will have the choice as to whether recordings will be posted

Final Report

Due Date, Contents

Final Report

- Due Date: April 12th (Thursday)
  - 2 Days after the last class on April 10th
  - Let me know if urgency for grade for graduation

- **Maximum 2000 words**
  - Docked 5% of final report grade for every 10 words over 2000, or proportionate therein
  - Report must include word count in document
  - Minimum font size 12 points
  - Pictures & words in pictures not counted

- **500** extra words for groups with Appers (i.e. total 2500)

Final Report Content

1. Introduction
   – What & why – includes Apper context

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 did you learn - what would you do differently?

Final Report Content, description change

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

8. Would you be interested in having a Business School class on marketing/entrepreneurship take it up?

Spiral 4 Presentations Today

Spiral 4 Presentations

Format:

- Restate Goal
- Say what is new in Spiral 4 (from Spiral 2)
- Say what you'll have in the **final presentation/final app**
- Demo New functionality
- Time Limit **5 minutes** for all groups

Presentation Order, cont'd

1. GPS Friends
2. Fit Formula
3. EYEdentify
4. EncountAR
5. Drive Mod
6. Clinical Trials Server
7. CheckAR
8. Campusnaut