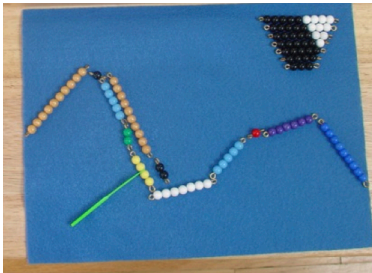
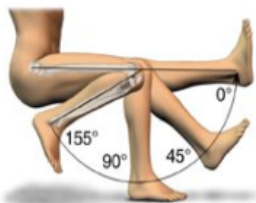
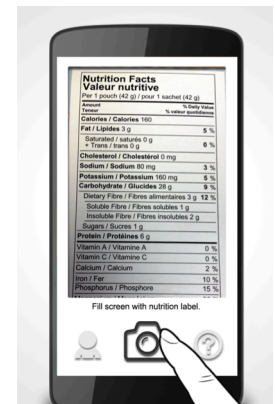




ECE 1778: Creative Applications for Mobile Devices



Lecture 10
March 19, 2014



In the News ...

- Google unveils **Android Wear** Operating System
 - for smart watches, other wearables
 - Uses 'OK Google' commands
 - https://www.youtube.com/watch?feature=player_embedded&v=QrqZI2QIz0c
- Standardization of operating system could help future develop of external devices
 - Is in the natural evolution of all processor-based systems
- Said to be 'getting out in front' of Apple's rumoured iWatch



Today

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



Project/Course Time Line

1. Forming Groups
2. One-Page Proposal
3. Project Plan – due last week
4. Proposal/Plan Presentations
5. Spiral 2 Presentations
 - March 5/12
6. **Spiral 4 Presentations**
 - **March 19 (Today)**
 - **March 26**
7. Final Presentations
 - April 2
 - April 9
8. Final Report Due April 10th



Final Presentation



Final Presentations

- Weeks of April 2 and 9
 - Let me know soon if you have a specific date requirement
- **Maximum 8 Minutes**
- **Must be self-contained**
 - 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 10th (Thursday)**
 - 1 Days after the last class on April 9th
 - 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

5. Contribution by Group Members

- Describe what each group member did in project

6. 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 if one in group

7. Future Work

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

- Let me know if OK to post video, report and/or source code on web (or not).

Spiral 4 Presentations Today



Spiral 4 Presentations

- Time limit 5 minutes.

- Please practice your presentation to be sure that you fit in this time, and to 'omit needless words.'
- You should use that time to convey the goal and current results of your work.

- It should also include:

1. A reprise of the goal of the app.
2. Depending on what makes sense, you may need to talk about how the App is doing what it does
3. There must be a demo of the software
4. After the demo, say what new capabilities/functions you're shooting for in the final version.

Spiral 4 Presentations Today

#	Project
1	Baton
2	MyKnee
3	StudiBuddies (App formerly known as 2 nd Class)
4	MyAlly
5	Speech Coach
6	Surgical Trainer and Navigator
7	Acoustica
8	Maintenance Agent
9	WorldyMobile



Presentations March 26

#	Project
10	Positive Snake
11	Lense Meter
12	Critter
13	Nutrition Label Data Visualizer
14	Face2Name
15	MyLock
16	Commuter Rail Parking Information (formerly Smart Parking)
17	Asteria

