
ECE 1778: Creative Applications for Mobile Devices



Lecture 10
March 20, 2013

(1)



Today

1. Logistics
2. Trip Pictures!
3. Spiral 4 Presentations



China

- Thanks for your patience; I believe everything was handled OK
- Thanks to Braiden and Alexandra for running things
- Lousy Internet & Great Firewall a pain!

- Visited Huawei
 - Now the third largest smartphone manufacture at 5.9%
 - China just surpassed US as largest smartphone user, in February, and will keep going



Huawei Phone Demo Room



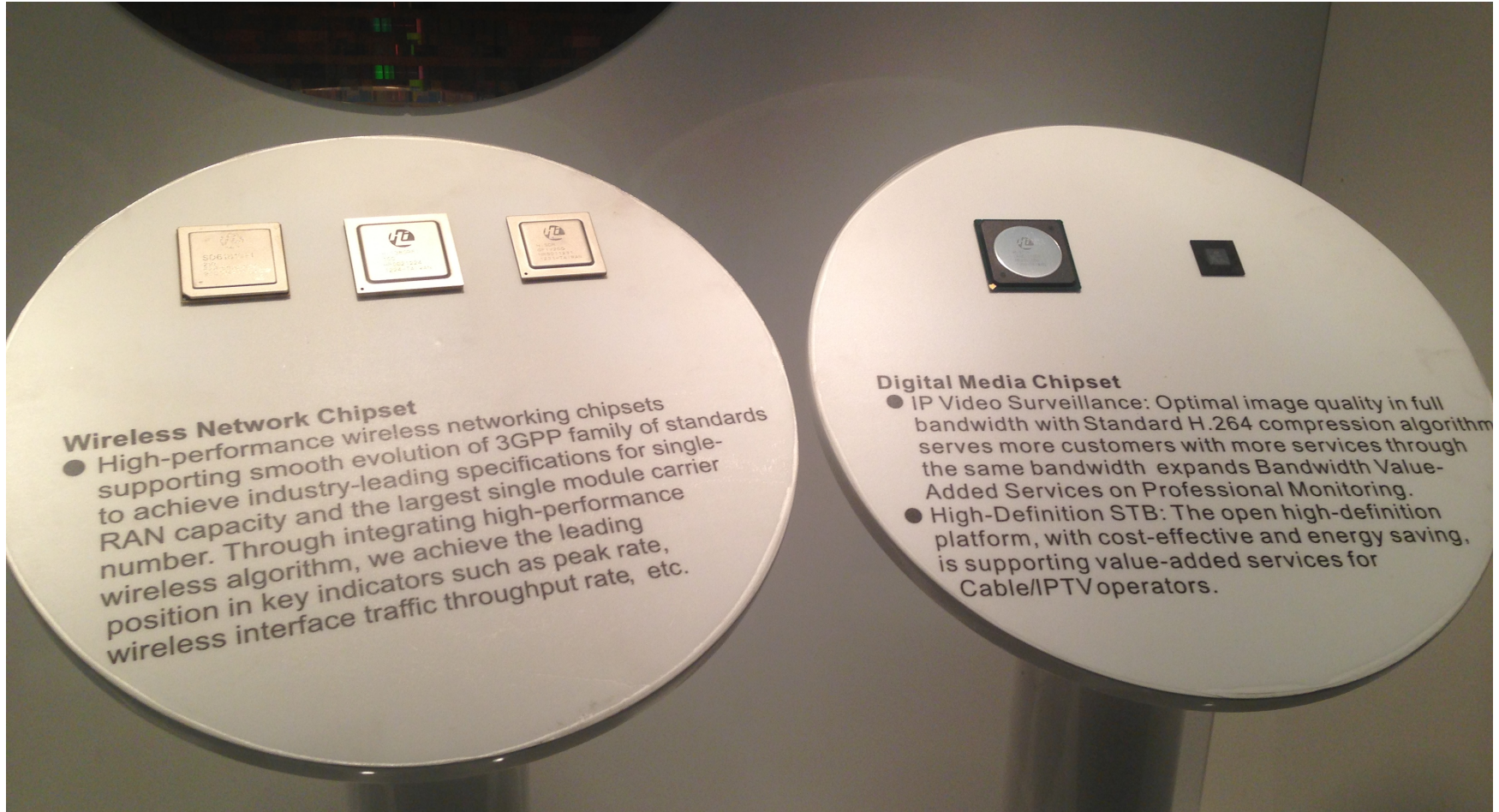
Phones Aplenty



Tablets



Chips



Giant Panda Bears



The Schedule

1. February 27: Michael Clarke and David Offierski from Konrad Group will give lecture on User Experience Design
2. March 20: Spiral 4 Presentations Part 1
3. March 27: Spiral 4 Presentations Part 2
4. Final Presentations
 - Weeks of April 3 & 10
5. Final Report Due April 12th



Grading/Comments

- Grades and Comments have been posted for Spiral 2 presentations
 - Please talk to me if you have any questions
- Grades for Assignments 3 and 4



Final Presentation



Final Presentations

- Weeks of April 3 and 10
 - Let me know soon if you have a specific date requirement
- **Maximum 8 Minutes**
- **Should 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 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



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Presentation Order

1	TapNDance
2	InterACT
3	LunchTime
4	Mozart's Ear
5	NoPain
6	UrbanEyes
7	Concept Connect
8	New Canuck
9	Android Robotic Manipulator
10	Code Blue



Presentation Order

11	Carpe Diem
12	Snap 'n Dose
13	MindfulME
14	Mam 3D Viewer
15	SafeHeart
16	Meter Minder
17	MusicPad
18	CNTracker
19	The Mobile Stage
20	SocialSurvey

