CSC207.01 2013F, Class 16: An Introduction to Android Development

Overview

- Admin.
- Why build Android Apps?
- Issues in Android development.
- Warnings!
- Lab.

Admin

- I realize that there’s crud going around campus. Do yourself and your classmates a favor and get rest if you are sick. Drop me a note to let me know.
- It’s good to see that many of you stopped at six hours.
- From this point onward, you can choose your own partners.
- Reading for Friday: Adding Actions to Your Android App
- Lea knows much more about Android development than I do. I’m better at resolving problems than she is. Together, we should be able to make things go well.

EC Opportunities

- Learning from Alumni Thursday @ 2:15: Jim Finnessy
- CS Extras Thursday @ 4:30: Jennelle Nystrom on Microsoft
- CS Table Friday (The Story of Mel, A Real Programmer)
- G-Tones, Saturday, 3:30 at Herrick Chapel
- Baseball Scrimmage Sunday (11 am?)
- Water Polo Saturday, 10:40 a.m. Sunday 10:40 a.m.

Other things

- Facing the Bear, 7-9 pm Wednesday
- Swipe your P-Card at the Football or Soccer game (from Alum)
- Poweshiek CARES March Thursday. Leave from Herrick at 4:45 p.m. Email chenjerem@gmail.com for more info. I can also forward you the email.
- Poweshiek CARES March Thursday, Oct. 3. Meet at Drake at 5 p.m.
- GHS Homecoming Parade Thursday, Oct. 3. If you’ve never seen a small-town homecoming parade, it’s worth it. (And last year’s homecoming queen is a current Grinnell student.)
- Free Flu Shots 10-4 in JRC

HW 5 will be released some time this afternoon/evening.
Why build Android Apps?

- Potentially makes work accessible - Show off to friends and family.
- Real-world applications
- Lots of students expressed interest
- Any big application is a good experience
- Ties in with Ushahidi
- Market 207 to prospective students
- Takes advantage of OOP!
- Let’s us cover some new things that are part of national curricular standards
  - Event-driven programming
  - GUI
  - Markup languages
  - And more

Issues in Android development

- Lots of interacting components. PITA.
- GUI components
- Resources - Sounds, Images, Strings
- Code
  - Java!
  - XML
- Layouts: How do the components go together
- Connect!

Warnings!

- Not deep. Supplement, not primary activity.
- You thought Eclipse and Git were troublesome!

Lab

Start with

/glimmer/android/adt/eclipse/eclipse

Copyright (c) 2013 Samuel A. Rebelsky.

This work is licensed under a [Creative Commons Attribution 3.0 Unported License](http://creativecommons.org/licenses/by/3.0/) To view a copy of this license, visit [http://creativecommons.org/licenses/by/3.0/] or send a letter to Creative Commons, 543 Howard Street, 5th Floor, San Francisco, California, 94105, USA.