CS371M - Mobile Computing

Class Intro
Teaching Staff

• Mike Scott
  – Lecturer
  – not a professor, no PhD, so "Mike" please
  – UT since 2000
  – scottm@cs.utexas.edu
    lab hours MW 3 - 5pm, F 7:30 - 9:30, 3rd floor lab

• TA: 1 - 2, Donghyuk Shin

• TA: 2 - 3, Wesley Tansey
The Course

• Mobile computing with focus on application development for the Android operating system
• Advise against taking if you have ever created an Android App on your own
• Large, self-selected project with 2 - 3 students
  – a couple of service opportunities
NDR = No Device Required

- Android application development in Java using Eclipse plug-in
- Emulator part of development environment – limitations
- dev phones available during lab times and check out
- wireless access only
Work Products

• Tutorials
  – step by step guide to creating small applications

• Individual assignments
  – mostly written

• Project
  – design and implement an app and hopefully publish it on Google Play
  – broken into various milestones
    • 2 - 3 students per project

• Point break down on syllabus
Class Materials

• Syllabus, Schedule, and Resource Page
  – www.cs.utexas.edu/~scottm/cs371m

• Assignments, tutorials, grades on Blackboard

• Discussion group on Piazza

• Microlab Windows and Linux machines have development environment

• Tutorial 1 - setting up dev environment on your own machine and using dev environment
Course Material

• Working in a system.
  – not just a stand alone application
• Use library / API
• GPS and Sensing
• User Interfaces and XML
• Graphics and Events
• Services and Content Providers
• data bases / SQLite
Description

You are a stock-trading robot whose autonomy depends on maintaining a high rate-of-return. Failure will be met with automatic deprivation.

Features:
- Entirely free to play!
- Several news articles outlining the events leading up to the opening of the Lunar Market
- More than ten different songs!
- You are a robot!
- Over 12 different buttons to press!
- Sparkles.

Developed by Jeff Meyerson, Josh Stewart, and Pong Tam
Routy
TWENTYTWOTEN - May 24, 2013
Travel & Local

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Panther Trail Austin Texas

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Route it!

CALCULATE ROUTE BY:
Shortest  Time

Total time is:
25 minutes

Get directions

Panther Trail

Get directions

Ken's Doughnuts

Whip In

Ken's Doughnuts
Questions???