Emerging Technologies: Mobile Development for
Android Devices

Introduction

Lecturer and Format

- Paddy Fahy (paddy.fahy@griffith.ie)
- Lectures
- Laboratory work: Creating Android applications

Content Overview

- Mobile device interface, constraints & features.
- Android application structure
- Application architecture
- Activity life-cycle
- Layouts and views
- Security
- Sensors
- Performance issues
- Design patterns for Android

Assessment

- Continuous Assessment   Total 50%

    Assignment 1   25%
    Assignment 2   25%

- Examination   50%

4

Assessment

- The ability to demonstrate understanding of course content is highly valued
- Original work is highly valued
- … as are analysis and thinking skills
- Do not allow others to copy your assignments
- Work that contains unreferenced material from internet sites, fellow students or any other unreferenced source is of little value. Marking will reflect this.
- Students will be required to show the ability to present assignment work in class and be able to explain it or answer questions in relation to it.

Books

Android by Example

Will be available on the your moodle page for this module

(Barry Denby)

Griffith College Internal Publication

Android Application Development in 24 Hours

(Delessio, Darcey & Conder)

Sams Publishing

Other Issues

- You are required to be on campus during the semester
- Attend all lectures/laboratory sessions
- Questions relating to the content are welcome
- Present assignments on time. Be warned that deadlines are enforced rigidly.
- Mobile phones: Yes!
- Other mobile devices, eg. Media players
- Laptops: Bring your laptop along.
- Talk
- Meeting room time