

Third meeting

Date unknown

Meeting begun

The project involving the cellphone-television interface is no longer an option.

All that remains is to choose between Android and Windows Phone 7(WP7) as the platform for which the project will be developed.

Android

- Emphasis on “Libraries”
- IDEs are NOT mature, and coding can be difficult
- Many android flavours (2.2 “Froyo” right through to 4.0 “Ice Cream Sandwich”)
 - Cross flavour portability is dodgy.

WP7

- Not many different phones available
- One flavour of OS
- Not much support due to small community of developers

Bryan’s section

Methods researched in the literature synthesis are adequate. On the right track. Take a look at Ubicomp and Pervasive conferences. Evaluate all code written on the following :

- Power Management
- Security
- Compared to other devices.

Tsu-Shiuan’s section

Wants to look at Networking aspect. This is a large area, and needs to be refined. Prof. Marsden suggested a look at Batman protocol. Have a look at the work of John Croxcroft. Perhaps look only at the Transport layer; looking at all layers too large. Beware Android has no Bluetooth (BT) transfer over 100k. WP7 has no BT file transfer at all. Suggested comparing File transfer over Wi-Fi and Bluetooth. Measuring power consumption can be hard for students. Hahn Le might be able to help.

Sashen’s section

Use HCI and other design methods. Likes the idea of having WP7 tiles to represent people. Physically drag a file to a person’s tile to initiate the transfer. Should look at the Xerox’s Active Badge Location System. Also look at Richard Harper’s work related to person orientated interaction and technology.

Important sections of project

Prof. Marsden emphasised the importance of the documents associated with the project. The focus should be on *Best-Practice* rather than developing a working software artefact. The process of how we arrived at whatever software we produce is important, and our documents should reflect that process. Reviewers should be able to trace the process through the thesis.

Final points

Discussed concerns of scope:

- Is scope too large?
- Is the scope large enough to be considered worthy of an honours degree?

Discussed atomicity:

- Each section of the project is not necessarily reliant on the other. For the purposes of marking, each section is independent of the others.