

Project FallPrevention group 08

Status report for week 11

1:Progress summary

Prototype:

- Content Provider implemented, but not yet integrated with prototype application.
- Content Provider now has database functionality.
- Integrated pedometer functions
- Application can now add contacts for the purpose of automatically contacting the contact in particular circumstances.
- Application now has settings screen with a few functions.

Research:

- Research into Android applications Edomondo Sports Tracker, Pedometer, and GPS Status has been done, as these apps use and display sensor data in ways that the group might find very useful.
- Pedometer is also open source and has an compatible licence, so it has been integrated in our project and application
- Made presentation and prepared questions for meeting with medical experts.

Documentation:

- Feedback from the preliminary report has been fixed
- Requirements partially updated to current needs
- Testing plan researched and prepared

2: Open/Closed problems

There has mainly been three problems since last report. They are: Unpredictable illness for group members, e-mail still being inefficient at communicating and getting responses swiftly, and group member not being equally experienced with the tools being used, slowing down productivity.

3:Planned activity for next period

- Finish filling testing plan with tests
- Update requirements in the report
- Update architecture in the report to reflect the current state of the application
- Have meeting with medical experts, and gather information about what the application should focus on.
- Integrate Pedometer into the Content-Provider, and get the application ready to detect
- Take a few passes with refactoring and documenting over all the code, with an aim to improve readability and quality of code.

4: Updated risks analysis

The risks as described above is already included in the risk list. With the topmost item on the list being implementation difficulties(mainly people not having the programming competencies the tasks demand). Documenting and refactoring the code, something which everyone will take part in, will likely improve the competency of the group, and their understanding of the code, to such a level that the likelihood of this problem will be reduced.