

# Project FallPrevention Group 08

## Status report for week 09

### 1: Progress summary

#### Prototype:

- The mock-up application has been developed further, in particular with a better-looking GUI and several more screens to display data.
- A database has been build with the application to store all the required data.
- Enabled localization for the application, and included Norwegian and English text. File for the german version are available, but not yet translated.

#### Research:

- The group has learnt about ContentProviders, which Android uses to encapsulate data from outside of the application.
- A short summary on consequences of, and what factors results in, falling among the elderly, has been written and read by the entire group.

### 2: Open/Closed problems

- **Group members out of town:** Some group members had trips out-of-town, resulting in less work being done. This was solved by not planning more work to be done in those time frames, than what the remainder of the group could accomplish. With group members remembering to inform the rest of the group in advance, it does seem like this problem is closed.
- **Customer taking vacation:** The group had to skip one meeting with the customer, as the customer took some time off for vacation. As the product is still in a very primitive state, and any further work need to be discussed with the customer, this caused a delay of almost a week, as there was limited work to do in the meantime.

### 3: Planned activity for next period

The plans for this week are as follows:

- With the graphical and persistence-related parts of the prototype mostly implemented, the details and implementation of the ContentProvider handling interaction between the application and the motion detector seems like it will need more work.
- Complete the implementation of the GUI, and polish it by making it more readable, and adding the rest of the icons necessary to display all the intended permutations.
- Prepare a demonstration for the experts the customer will put the group in touch with, as the expert is not experienced with application development and might need a more user-friendly demonstration.
- Research applications that use sensor technology.

The plans for the period beginning this friday will need to be discussed with the customer and any medical expert the group has yet to meet.

## **4: Updated risks analysis**

While we will not discuss updating the risk analysis until the meeting this wednesday, it is evident that some risks need to be updated:

- “Customer not able to meet with the group” will need to be added to the risk list, although it does not seem very likely to happen more than once. As the group has some understanding of what parts of the project needs working on, it will not become a large delay unless it happens several times in a row.
- “Computer problems” has had a larger influence than we have expected.
- A new risk, “participant not able to work as much as required” will need to be added.