LoneWorker POC

10/03/2016
Bi-Weekly report

Group Members:

Leah Halaseh (Team Leader)
Iacovos Pantekhis
Bagus Maulana

Meetings held with client:

We haven't physically met with Microsoft or Network Rail this past week. We are however in contact with a developer from Microsoft who is working on a similar project. She is doing some Band development, the idea is that what she develops will potentially end up in an IBM Innovation Showcase building. After talking with Gill Glover, she became very interested in incorporating our LoneWorker POC into the solution.

Meetings Held internally & work done:

09/03/2016:

We caught up on each other's personal research and work and discussed how to move forward.

Work:

We have now covered the minimum functionality required by the project. The application on the phone can now get sensor data from the Microsoft Band (Heart rate, Skin Temp , etc.). The application can also send messages and notifications to the Microsoft band. The design of the UI is also half way created. The web dashboard is now under design and development.

Tasks Completed By Each Team Member:

Bagus:

- Further research on Microsoft Band development and capabilities for Windows Phone

- Made sample apps using Microsoft Band sensor reading functionality on Windows Phone

Leah :

- Establish and manage communications with the client

- Further research on Windows Platform development

- Began researching for web dashboard

Iacovos:

- Built basic UI for the windows phone app

- Further research on Windows Platform apps, especially on UIs using XML.

Plans for the following week:

Continue working on the features of the application. Research more into the web tile development and allowing a communication between the Microsoft Band and the dashboard. Working on the rest of the features on the application and integrating the prototype UI with the actual application.

Also work on obtaining another Microsoft Band from our department since we only have 1 to test on.