

LoneWorker POC

Bi-weekly report

15/11/2015

Group Members:

Leah Halaseh (Team Leader)
Iacovos Pantekhis
Bagus Maulana

Meetings held with the client

20th October

We met with the clients (Gill Glover, Microsoft, and David Goldsby and Laura Mohamed, National Grid) on the 20th of October.

We discussed the objectives and ideas of the project and what we are able to do. We also talked about the platform and what they would prefer it on. They have informed us that they would like the app of the Microsoft band to be on the iPhone 5c.

We have also established a communication platform on OneNote where we all share ideas that have come up, as well as our progress

We refined the requirements by establishing the minimum needs from the project. We have also established that the rest of the requirements can't be finalised until we get our hands and experiment with the Microsoft band.

We also agreed that for the time being, we should learn about developing on Xcode for iOS as well as developing for the Microsoft band.

27th October

We had a video call with another member of National Grid, Heather Quiney(technical developer), to formally introduce ourselves. She will be tracking our progress so she will be able to take over the project once we are finished.

Accomplished so far:

Leah:

Established relation with client

Researched the platform we will be using : Microsoft band, iOS development using Objective c

Began online course on Objective-C

Studied documentation of the SDK of the Microsoft band

Bagus:

Established relation with client

Studied the Microsoft Band SDK Documentation and reviewed the code for sample Microsoft Band apps on Android Studio (although our project is for iOS, I do not have access to a Mac OS computer for xCode or an iOS device at the moment. Also, our group currently only has one Microsoft Band, so I'm unable to test any Microsoft Band apps at home).

Started working on the project website

Tested the UCL web server and put up a placeholder stock web template (to test how/if it works).

Iacovos:

Established relation with the client

Research and study of the platforms to be used:

- iOS
- Microsoft Band

Effort to get Mac OS working on Windows, using a virtual machine, to accommodate for not having the necessary platforms, which in the end proved to be futile.

Studied documentation and familiarised myself with Microsoft Band SDK.

Challenges faced with project:

After discussion with the department, resources for building on iOS are not available (such as MacBooks for using Xcode, and iPhones for testing)

Overcoming the challenges:

Must email Gill Glover (Microsoft) and David Goldsby (National Grid) about the lack of resources, and change the target phone into either a Microsoft platform or Android.

What to do next :

Learn about the new platform if approved

Create a timeline of what to accomplish and by when

Map out the requirements and what needs to be accomplished as per the rubric

Begin the design and proof of concept of the app