

# Microsoft Spot Market 2 | 02/12/16

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## Progress

We all worked hard to ensure that we made good progress in every week by setting up multiple meetings. Given that we had most of the required work done before the beginning of the bi-week, there was not much work left to do after that. However, the requirements, researches and experimentation we had been working on were not properly organised to be displayed on the website. So, we spent some time getting them ready for the website. Moreover, we managed to finalise the prototype for the application as well and form a proper concept as well.

### Client meeting

The client meeting was scheduled at the beginning of the bi-week where our final project vision was presented. We showed the prototypes and the website and they were very pleased with it that they did not request to change anything. Therefore, they gave us a full approval for starting the project next term. Moreover, they also stressed again we should make it in Xamarin. With discussed again the platform for building the app and we agreed with the client that we should start with Android and later along the project convert it to iOS as well.

## Evaluation

It has been a very short bi-week for all of us. We had always been ahead of the schedule (due to the great teamwork), so by the time it got to the last week, there was not much left for us to do (except restructuring some things for the website). We will try to keep up all the good work in the next term where we have to start coding and the real challenge begins.

## Summary of COMP204P

We have formed a very good and dedicated team over the term. This resulted in our capability to always work ahead of the time as mentioned above. We regularly kept in touch with the clients to ensure effective communications and hence correct requirements. Based on the requirements, we then went on to come up with the goals and the functionality of the software before creating the prototypes accordingly. To fully understand the project, we conducted a substantial amount of research on indoor positioning systems and any relevant technologies (beacons in particular). Also, we set up experiments, step by step, that we will be carrying out at every stage of the development phase. We have carried out as many as we could in this stage

and got successful results. This will help us keep track of our progress throughout the entire project. Most importantly, we had updated the contents of the website with all of the above-mentioned components included.

## Before the next term

Having finished everything from the requirements and goals to research and experiments, we will now be moving on the development phase in the next term. We will develop the software in Xamarin which is based on C# and is relatively new to some of us. Over the holidays, we plan to familiarize ourselves with the language, so that we can dive straight into the development when we come back in January.

## Individual paragraphs

### **Cosmin Nicolae Bresug**

In the last two weeks I designed a prototype for the app we are going to build. Moreover, I added all the content that we needed on the website and also discussed it over with our client. I designed the prototype in a program called Balsamiq and added them directly on the website. I also coded the other sections of the website that we didn't have since we needed to add more information on it. I was also in charge of setting up our client meeting and getting into contact with them. I have already started studying C# in my spare time. I previously worked in it, but I have to recapitulate it and familiarise myself with the Xamarin framework. This shouldn't be too much of a problem as I am familiar with Visual Studio already.

### **Tudor Nica**

During the past two weeks, I was responsible with reformulating the requirements so that they are clearer and more specific now. Also, I created the phases that our project will go through while we will be developing it during the next term. Moreover, I also created experiments that will help us verify that the app will be doing what it is supposed to after each development phase.

### **Phoom (Thomas) Yenbamroong**

Apart from writing up the report, I helped reorganising the contents of the website. Most things we worked on were only for team members and thus might not be understandable to others. So I had to slightly modify the contents before uploading them as advised by the TA. In addition, setting up the **team meetings** was my responsibility.