Microsoft Spot Market 2 | 27/01/17

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Progress

What have we done?

In this bi-week, we have managed to get ourselves back on schedule as planned in the last term. Extreme programming has been chosen as the main approach in developing the application. We divided up the project into different phases where we clearly stated when each phase has to be completed by. We have successfully implemented the first three phases and phase 13 whose details are listed in the next section. Moreover, we updated the contents of the website to add the latest report and make a few modifications on the grammars.

Meeting summary

Three team meetings had been set up during the period. Normal procedures like evaluation, planning, and mostly making progress were carried out in each meeting as usual. Most of the meeting times were spent on implementing the phases in order starting with the least complicated one.

Evaluation

We had made a significant amount of progress having been able to stick the schedule. The project is running on time due to mostly, we believe, the regular meet-ups. This had allowed us to constantly make progress as well as track it relatively to the plan.

Below is the list of the phases and other tasks we completed during the period on the retailer app.

List

- Tool for the retailers to import an image (map) and to make a point appear where the retailer clicks. (phase 1)
- Function to store the points' coordinates from the previous step and to draw them on the map. (phase 2)
- Function to assign specific beacons ids to the points from the previous phases. (phase 3)

- Function to detect the zones of the store (phase 13)
- Updating the website

In the next two weeks

Considering that we have made a significant progress, we are planning to set up a meeting with the client in order to showcase what we have successfully implemented so far, to see if there are any changes to be made. Also, we are going to continue implementing the phases with phases 4-9 as the target.

Individual paragraphs

Cosmin Nicolae Bresug

In the last two weeks I have been working on the retailer app alongside Tudor. I've created a web platform (mostly the frontend) and a login system through which each retailer can access their own account. They can then get to Tudor's tool for placing beacons on their store maps and save their preferences. Moreover, I've continuously updated the website with new content as we've progressed through the project. Also, I've been keeping in touch with to other teams in order to schedule meetings with our client.

Tudor Nica

Since the last bi-weekly, my main responsibility was to start implementing the first features of the web-app. Therefore, I developed the tool that allows the retailer to upload the map of his store as an image file and that automatically detects the zones of that store's map. Moreover, I also implemented the feature that allows the retailer to click on the map where he places the beacons and make red circles appear on those places on the map afterwards. Also, I set up a server on Microsoft Azure running the webapp with the above mentioned features.

Phoom (Thomas) Yenbamroong

I made sure the team make progress by focusing on the required procedures taking place in each meeting. Although my team role is not completely technical, I helped the team implement the phases. Report-writing was also my responsibility.