

Sprint Evaluation

This spring was quite filled for three of us. We were very busy with our exams and assignments from other lectures. But at the first week of the sprint, we made a major progress on our project. We have met up at the beginning of the weekend and spent an efficient day. Both of the applications have their own Graphical User Interface anymore. We have divided our main functionalities into separate Activities and we have set a flow to our applications. So, they show the main skeleton of our applications at this moment. When the user started the Android application, s/he asked for authentication (Login/Register Page), when s/he has completed login activity with a Facebook account or our own Login system, s/he redirected to Connection Activity which waits for a Beacon signal to communicate with server with the specified credentials. Then, customer gets the menu of the café/restaurant from our server and is able to send his/her order to our server and then to business. These are the most important and main functionalities which a customer will use when our product is published. They have not finalized graphically, but every class and function do their jobs pretty well. We had also started to manipulate our beacon devices at the last sprint. Now we have finished that task as well. We can successfully change the internal values, which are carried by signals, of the beacons and we can successfully make our Android app to identify the beacon. Moreover, as written in the last retrospective document, we were decided to add a SMS verification feature to our project. This task is also completed. We can successfully send random verification codes to the customers' phone numbers and we expect them back to complete registration.

At the second week of the sprint, we mostly continued our remaining tasks but we have faced with a new problem which is Turkish character problem in Server-Database side. This problem also resolved but it took more than our expectations to convert data formats to UTF8 which is Turkish character supportive format.

At the third week, because of the necessary documentations, we could not focus on the project like the previous weeks. We had to spent time for other requirements of the lecture like SRS documentation, prepare presentation and website.

Team evaluation

We have no problem with working cooperatively, because we are close friends. We all are happy to study on our project and study with each other. Thanks to our longtime friendship, we may easily overcome the problems and we may talk every problem without hesitation. Because we get together very frequently on our daily lives, we didn't have any meeting problem. Also, we do not have any change in our working strategy. Everything goes as planned at the beginning of the project.

Task	Assigned Member	1 st week	2 nd week	3 rd week
Front End-Development of Android Application	Onur Tosun, Emir Perek	+	+	
Front End-Development of Desktop Application	Ilke Sever	+	+	
Beacon Set Tool Application	Onur Tosun	+		
Beacon-Android Cooperation	Onur Tosun	+	+	
Login-Register Pages	Onur Tosun, Emir Perek		+	
Facebook Login for Android Application	Onur Tosun, Emir Perek	+		
SMS Verification System	Ilke Sever, Emir Perek	+		
Turkish Character Compatibility of Server	Ilke Sever		+	
Presentation, Website	Ilke Sever, Onur Tosun, Emir Perek			+
SRS Research	Ilke Sever, Onur Tosun, Emir Perek			+

Backlog Updates

The only backlog update is about Android-Beacon cooperation. Because we only have one beacon device, we could not test our Beacon-Android communication with multiple devices. Everything works well for one device, but we do not know what will be the reaction of our application when two beacon signal collides. But we have ordered two new beacon devices, thanks to Erol Abi, and those are going to be delivered to us on upcoming week.