<A Broadcasting System for Smart Cities> <FixIT>

Sprint Evaluation

What is the progress of your project in this sprint? What goals are achieved? What problems are overcome? If you are updating your plans what are your justifications?

In this sprint, we planned to develop an Android application that shows Wi-Fi lists in the surrounding environment, research the topics related to our project such as data link layer, raw socket, OpenWrt, MAC addresses and NFC. Moreover, we planned to develop Android application that communicates two Android mobile devices . We completed both Android applications but we will improve them in the next sprint. The research part is always in progress but we completed the planned researches of the first sprint.

We did not have experience on Android application development. Moreover, we have not taken the Network course before. Therefore, becoming familiar with this concepts took lots of time of us. That is the problem we encountered. However, we overcame this problems by reading lots of papers.

We changed our sprint plan a little bit. While planning the sprint, we thought that we will create an application related with raw_socket (Sprint1- Task T4). However, after having more knowledge about the socket programming, we realized that it is a very basic part of planned Android application that discovers the devices which are on the same coverage area of a certain Wi-Fi router (Sprint1- Task T5). Therefore, we canceled T4 and replaced it with T5.

Team evaluation

How well your is team working together? How many meetings did you hold? Are you planning any changes in your cooperation strategy? Which work is completed by which member (in a Gannt chart)?

Our team is working very well together. For every topic, each group member may have a different viewpoints and ideas. So we always discuss and as a result of discussions we can make more reasonable decisions.

We meet our teaching assistant at least once a week. As a team, we hold 2-3 meetings in every week. We also met with our supervisor 2 times. Therefore,we hold 20-25 meetings approximately.

We changed our cooperation strategy slightly. Before, we tried to complete all the tasks in 1-2 days by working hard. However, we observed that it is very inefficient. Therefore, we planned to spend some time by each group member everyday.

Task	Assigned Member	1st week	2nd week	3rd week
Wi-Fi Discovery application	Gulnaz Shaidolda,Ceyda Tosun,Gulsah Sabirsiz		X	
Surrounding Android device Discovery application	Gulsah Sabirsiz,Gulnaz Shaidolda,Ceyda Tosun			X
Research tasks	Ceyda Tosun,Gulnaz Shaidolda,Gulsah Sabirsiz	X	X	X
Reports (Revised proposal, Startup document, Retrospective document)	Ceyda Tosun,Gulnaz Shaidolda,Gulsah Sabirsiz	X	X	X

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Backlog Updates

What are your backlog updates?

     We do not have any backlog tasks. However, we will continue to improve the last application in the following sprint. As we stated before, we will also proceed our researches on project related topics until the end of the project.