

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 decided to change Raspberry PI 's operating system because touchscreen is not compatible with Android OS. Also Android did not work properly with Raspberry PI. Thus, we had to use Raspbian for further use. After changing OS we need a new start. We leaved everything behind us about Android.

We started to develop a new launcher with pyQT. It is developed as a dashboard style. It will start automatically after booting. Team website have been developing.

New music player application has been developing by using Python. For now, music player can explore music files among directories. We are in process to find a suitable library in order to play mp3 files.

On Bluetooth side, there is a Github project that enables Bluetooth HFP (HFP for Linux). We run this project on Linux. There are some connection problems. We can connect to Linux via bluetooth from Android device but voice streaming is not happening. We are trying to solve that problem.

On Wi-Fi direct part, we bought a Wi-Fi dongle and tried Piracast for Raspbian. Application creates a P2P connection but Android device cannot see this connection. Moreover, we started sending notification. This app will send Android notifications (like SMS, phone calls, low battery etc.) to Raspberry PI.

Team evaluation

How well your team is 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 Gantt chart)?

Since we have been taking similar courses and known each other, we have lots of chance to talk about the project. In addition to that, we work three times together to integrate components. We had out weekly meetings with our project manager, Dilek Önal. Besides, we had 3 meetings with our supervisor, Onur Tolga Şehitoğlu.

Task	Assigned Member	1 st week	2 nd week	3 rd week
1. OS installation 2. Raspbian Launcher	Sinan Tüfekçibaşı	1	2	2
1. Research on music player development for Linux 2. Media player application for Raspbian	Sefa Suluova	1	2	2
1. Piracast installation 2. Development of notification sender application	Erkan Tomruk	1	2	2
1. Installation of HFP for Linux project	Mustafa Tunç	1	2	2

2. Debugging of the Bluetooth project				
Backlog Updates				
<p>What are your backlog updates? We did everything we supposed to; except CANBUS. We decided to start CANBUS issue next semester.</p>				