Notes meeting customer May 3, 2018

Lars went through a few comments that he had on the first version of the app. First it was noted that the sliders were fixed in the second version (the 2 May version). Tom asked how they had implemented it in the Android app. Feiko thought it was also on sending data on release (just like we did it now). Lars told that when he connected to his local server at home, the app acted as if it were connected, but showed no devices. The IP was valid but the port was not correct. It crashed on adding a device in that case. This bug should be fixed. Feiko said that is also crashed at adding a device of collection that was shown in the list but not on the server. We noted that this could not happen, because the list retrieved the collections that are on the server. So, maybe Web team had tinkered with the server.

Lars wanted to be able to reload devices, but it was not there yet. Juan has made it, but it was not yet merged.

Lars wanted that the information about the required info items of a plugin could be seen in the add Device screen.

He still thinks there is a lot of wasted space in the app, so we should find a different representation in the main devices screen to cover that.

Zino asked if we would still need the mock login. Zino proposed to have pincode login for both local and global connection. Lars said that in case of a local server the security is your own responsibility, so if you directly connect to the server, we don't need login. If you want secure communication you can connect through the Web API. So, drop the admin/admin login for local. We should focus on the integration with the web application. Zino asked about priorities for next sprint. Lars: Both add functionality and do bug fixes, because the bugs shouldn't be there.

We discussed further the back log priority.
We should contact with the web team to integrate with their API. Zino had already talked to the web team. They have a (somewhat) working server and he had received a template how to connect to them with auth0. So, the back end team can work on that.

Lars: The naming of the login screen buttons is not correct. Lars also didn't like the look of it. Tom said that is was still in development.

Lars said the list wastes much space as it jumps to the next screen to show there activators on an almost empty screen. He was not sure how it could be done better, but at least now it was a lot of wasted space. Also the first design that we once presented with the switch button on in the devices main screen was not an option, because you don't know what activators a devices has (it doesn't need to have a switch).

Zino mentioned that he couldn't find the code for server discovery in the back end of the Android app. Lars: It should be there somewhere.

Lars: Is the Webserver connection already ready? Zino explained that they are able to do it now they have the information from the Web team.

So for next sprint the back end will do: voice recognition, bug fixes and the web server connection.

Lars requested for front end bug fixes, a large overhaul for the UI. UI testing would be a nice way to find bugs. Fix the Firebase/auth0 login screen + show the info for the required info of the plugins. Save the server and go automatically to devices main if a server is known.
Zino: Should we skip also the choice for login type? Lars: Yes, go right to the devices screen.

There was a discussion about the exception handling in the backend. There was no exception for adding a device with not an existing plugin. Feiko: As long as the server doesn't crash, the app shouldn't crash. Feiko: The preliminary grades will be in Nestor today.

Lars: About the hallway Testing: Lungu has a Philips Hue in his office (560), we might use that for the hallway demo. We will also need a router/hotspot/phone for a network maybe. The Server should work on the University, because port 8000 is open.

Marc asked if Lars wanted a new version next week. Lars: If there is something deployable next week he would like to get it, otherwise at the end of the sprint.

To do list next sprint:
·   Bug fixes (front end and back end). Known bugs:
  o   App crashes/gives empty screen when trying to connect to 'valid' IP with wrong port.
  o   Server crashes on entering (wrong) info Philips plugin.
·   Refresh the devices list (pull to refresh). Juan already did this, should be merged in project.
·   Show information about required info of a plugin in the add devices screen.
·   Find a solution for the "wasted space" in the devices main screen.
·   Drop mock login for local connection and go straight to the devices main screen if a server is known from previous launch of the app (local and global).
·   Integration with the Web API/ auth0. (Connect to the Webserver and show the devices from the local servers)
·   Fix the naming and layout of the 'choose login method' in line with the Web integration.
·   Local server discovery.
·   Voice recognition.
·   UI testing might help to find bugs.
·   Better exception handling in back end and front end.