Function Point Calculation

1st semester
2nd semester

UC	Documentation	Coding	Testing	DET	FTR/RET	Time spent (hours)	FP	Reason
Change Settings	8,0	10,3	0,2	0,0	0,0	18,5	3,9	Creating the settings menu was the first UC. Due to our low experience with AS the implementation took a while.
Enable LEDs	3,0	2,3	0,2	1,0	0,0	5,5	9,4	It is assumed that the app is already connected to the Pi. Thus the request on its own is not that complex. Toggling a switch sends a query to the Pi.
Manage Plants	1,0	1,6	0,2	0,0	0,0	2,8	11,5	First draft did not work properly.
Connect App to Pi via Bluetooth	2,5	28,3	0,2	2,0		31,0	16,9	Enabling Bluetooth and especially connecting the app to Pi are complex.
Help Menu	3,0	6,5	0,2	0,0	0,0	9,7	15,8	By clicking on a Button a webview with our blog appears.
About Menu	1,0	1,0	0,2	0,0	0,0	2,2	2,2	Only non-interactive content is displayed.
Show humidity diagram	2,5	13,0	0,2	1,0	1,0	15,7	20,9	One Option allows determing the Interval. One file is transmitted to App including humidity levels.
Request humidity level	2,0	3,3	0,2	1,0	0,0	5,5	10,4	It is assumed that the app is already connected to the Pi. Thus the request on its own is not that complex. Pressing the button sends a query to the Pi.
Manage Plants (Rework)	2,5	15,0	0,2	2,0	0,0	17,7	11,5	User has to enter plant name and presssing a Button will store a new instance of a plant
Enable Alarm	2,5	2,0	0,2	1,0	0,0	4,7	9,4	It is assumed that the app is already connected to the Pi. Thus the request on its own is not that complex. Toggling a switch sends a query to the Pi.