

Sprint Retrospective, Iteration # 4

User story	Task #	Assigned to	Estimated effort (hours)	Actual effort (hours)	Done (Y/N)	Pull request	Notes
As a user, I want to have a graphical user interface which interacts with the back-end.	Integrate the script creation menu with back-end saving.	Steven	4	4	Y	#31	-
	Extend and integrate the preview menu with the back-end.	Tim	5	8	N	#33	Scrolling through the shotBox took longer than expected and code needed to be refactored. Back-end needs to be integrated further.
As a user, I like to have a nice looking interface.	Improve the design of the user interface by using css.	Steven	6	8	Y	#36	-
As a user, I like to have a scalable interface	Make the preview menu scalable.	Thomas , Tim	2 p.p.	3 total	Y	#39	After making the live interface scalable, this went quicker than expected.
As a user, I like to have a clear view of the script and cameras during live production.	Create the user interface for cameramen during live production.	Tim	5	6	-	#44	There was a lot of overlap with the director view, which saved time. Adding functionality and making a MovementType added to the time.

	Create the user interface for the director during live production.	Thomas	7	10	Y	#35	Implementing scalability took longer than expected.
As a user, I would like the software to communicate with the cameras in order to set and retrieve presets.	Create protocol for communicating with cameras.	Tabe , Bart	6 p.p.	20 total	Y	#43	This took more time than expected because of the http commands which had to be sent and research on how to implement that. Has not been properly tested yet.
As a developer, I would like to test the protocol for communicating with cameras.	Create program to mock camera which can handle IP messages.	Bart , Tabe	4 p.p.	10 total	Y	Commit 164975f	Still to be extended. Went on well when we figured out what we wanted to mock.
As a developer, I want to have a clear overview of the architecture of the product.	Extend emergent architecture design.	Tabe , Tim, Thomas, Steven, Bart	1 p.p.	5 total	Y	Commit ec9ee6f	There wasn't really much to add besides the feedback from the previous sprint.
As a developing team, we want to be recognised by our clients as a company.	Create a team logo.	Steven	1	2	Y	#36	-

Main Problems Encountered

Problem 1

Description: The VPN connection to PolyCast was difficult to set up and can only be used by one person at a time. Thus we should have an alternate way to test the LiveCameraConnection class.

Reaction: We spent a lot more time than expected on setting up the VPN connection. We also had to wait until the VPN was free for us to make use of the camera. We will setup a simple HTTP server in the testing environment to mock the responses coming from the camera when requests are made.

Adjustments for the next Sprint

Get in touch with PolyCast in order to get feedback on the interface, estimate more hours as we overshot our estimations quite frequently, and do more tasks in general.

Keep working on the connection between the cameras and the tests for this interface.