

Sprint Retrospective, Iteration # 6

User story	Task #	Assigned to	Estimated effort (hours)	Actual effort (hours)	Done (Y/N)	Pull request	Notes
As a user, I would like to view the live camera view in the application.	Integrate camera connections with GUI	Thomas , Bart	10 p.p.	30	Y	#62	Since VLCj doesn't work with JavaFX natively, this took more time than expected.
As a programmer, I would like to have clean, structured code.	Fix PMD warnings	Steven	2	2	Y	#64	*
	Fix SIG errors (which also means fixing the gui package)	Steven	4	5	Y	#64	-
	Fix Checkstyle errors	Steven	1	2	Y	#64	-
As a user, I don't want to have two consecutive shots with different presets on the same camera. So when editing a script I should be notified	Give an error when creating or editing a script, when the script is not possible to execute.	Steven	10	9	Y	#66	-
As a user, I would like to have the script displayed when doing post-processing.	Make sure we can export the script to the tools used for post-processing.	Tabe , Bart	8 p.p.	2	N	-	We asked PolyCast what software they use and how they want to use our feature, but we have not had response yet.

As a programmer, I would like to have well-tested code to ensure the software works as intended.	Increase test coverage of the back-end.	Tabé	8	10	Y	#68	-
As a user, I do not want to encounter the problem where more users can try to edit the same script or control the same camera at the same time. (concurrency)	Give an error when two or more people try to edit the same script at the same time.	Tim	5	0	N	-	We decided that we will only focus on the director display, thus concurrency is not needed anymore.
	Give an error when two or more people try to control the same camera at the same time.	Tim	5	1	N	-	Message was made which should've popped up when a camera is in use.
	Set up Sockets in order to enforce concurrency.	Tim	10	11	N	-	Did research and tried setting up sockets, but we have decided that we will alter our application features and this is no longer necessary.
	Add interface for selecting role (director or cameraman)	Thomas	5	0	N	-	-
As a developer, I want to have a clear overview of the architecture of the product.	Extend emergent architecture design.	Everyone, Tabé responsible	1 p.p.	2	Y	Commit #e83d6d	The LiveStreamHandler class and VLCj implementation have been added.

As a developer, I want to have a high code quality to improve readability and maintainability	Code review	Everyone, Steven responsible	4 p.p.	16	Y	All PR's	-
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*Note about PMD: All Controller classes contain an initialize() method, that is never called in the code, thus PMD gives an error. However, JavaFX calls this class automatically, so there is no need to call it in the code.

Main Problems Encountered

Problem 1

Description: VLCj doesn't support JavaFX natively.

Reaction: We found a solution on the internet and with some slight changes we got VLCj working in JavaFX.

Adjustments for the next Sprint

Do more testing to discover bugs.