Multimedia Services : Sprint retrospective 3

Group BeNine
TI2316 Context Project

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Sprint 3 reflection

Notes

Note	Description
1.	After finding a very efficient solution, using NodeJS as a proxy to send the requests, both tasks were reduced to minimal work. The rest of the time was spent on the responsive interface, solving issues and writing additional tests.
2.	The responsive user interface must be maintained to remain responsive. New changes always need some work to adapt and look correct on different devices and browsers.
3.	The API can be found in the Github Wiki: https://github.com/Kingdorian/Contextproject-BeNine/wiki/Backend-HTTP-API-Reference
4.	Only the camera package has been converted to UML, because the database package will undergo some changes next sprint.

Main Problems Encountered

Problem 1

Description:
Pull requests are growing quite large, and a new branch is not always created for a new feature. **Reaction:**
General use of pull requests should be improved, they should become smaller and a single feature should be implemented on a single branch.

Problem 2

Description:
Some branches with a low test coverage have been marked as done resulting in a low overall test coverage at the end of the sprint. **Reaction:**
Pullrequests with a low test coverage should not be marked as done and merged into the develop branch.

User Story	Task	Responsible	Estimated effort*	Actual effort*	Done	Notes	Pull Request (link)
User story 1	Allow creation of a preset by tagging a camera viewpoint location	Naomi	5	7	Y		67
	Add recalling a preset to a camera	Naomi	4	6	Y		67
	Create class handling all presets in java back-end to reduce the amount of database queries	Ege	5	6	Y		73
	Create preset class in java back-end to make preset objects independent of the database	Ege	3	3	Y		73
User story 2	Implement joystick position communication with server	Bryan	4	4	Y		60
	Allow NodeJS to talk to the back-end server API	Jochem	4	1	Y	1.	53
	Create NodeJS API to allow the client to communicate to the back-end server	Jochem	5	2	Y	1.	53
	Allow client to update camera attributes such as zoom, and iris	Bryan	4	4	Y		60
	Fetch active camera's into user interface	Bryan	3	3	Y		60
	Fetch presets into user interface	Bryan	3	4	Y		72
	Redesign Java Back-end API to reduce the amount of API calls needed	Dorian	5	7	Y		69
User story 3	Make front-end user interface responsive to multiple devices	Jochem	4	6	Y	2.	56
User story 4	Remove master pom.xml file	Dorian	1	1	Y		57
	Make the logger working asynchronous to maintain order in the log file	Dorian	5	1	Y		58
	Backend HTTP API documentation	Dorian	2	3	Y	3.	74
	Update architecture document with new NodeJS - Backend architecture	Naomi	2	1	Y		88
	Update architecture document with a more precise description of the database	Ege	3	1	Y		88
	Create UML for complicated packages of the java code such as the camera and database package	Ege	2	2	Y	4.	88

* The estimated effort is measured in hours.

Adjustments for next Sprint

- The team will improve pull request usage, by creating branches more often an creating smaller branches.

- The team will only merge branches with a test coverage higher than 80%.