Sprint Retrospective Document

Date: 13.03.2019
Project acronym: ROBOCON-OCU
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Sprint 6 summary

Item ID	WP ID	Status	Group's comments
1	6	Complete	
2	3	Complete	
3	5	In progress	We had little time to work on this and made minor improvements but latency is not satisfactory at this moment
4	7	Complete	
5	9	Complete	
6	9	In progress	Low-level design is complete, implementation will be done in this sprint
7	7	Complete	
8	7	In progress	Low-level design is complete, implementation will be done in this sprint

Sprint 7 plan

Item ID	WP ID	Description	Status
1	8	Acquire and test hardware components(joysticks, buttons, etc.) for the operator controller	New
2	9	Design the low-level software architecture for the microcontroller which would handle the hardware components	New
3	8	Design the initial PCB(printed circuit board) for the operator system	New
4	8	Come up with the initial mechanical design for the operator system	New
5	7	Implement the designed multi-threaded on-board program to connect various parts of the on-board system	New
7	9	Design and implement the initial version of the customizable GUI by robot developers using created widget templates	New
8	6	Implement a supervisor program for the MiniRHex robot that handles commands and status updates between OCU and the robot	New
9	10	Create an initial demo of the OCU with MiniRHex robot without operator system hardware	New
10	7	Implement the designed initial API for the robot platform to be able to use OCU	Leftover from Sprint 6
11	5	Decrease latency of video stream to lower than 200 ms	Leftover from Sprint 6
12	9	Implement the designed multi-threaded operator program to connect various parts of the operator system	Leftover from Sprint 6

Overall progress

	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6
MF1	5%	12%	19%	22%	22%	22%
MF2	5%	9%	18%	18%	18%	18%
MF3	0%	17%	70%	80%	80%	90%
MF4	0%	19%	70%	80%	80%	85%
MF5	0%	0%	0%	0%	15%	50%
MF6	0%	5%	7%	10%	10%	20%
MF7	0%	5%	20%	35%	35%	45%
MF8	0%	10%	20%	40%	45%	60%
MF9	0%	0%	0%	0%	10%	20%
MF10	0%	0%	0%	0%	0%	0%