

Sprint Retrospective Document

Date: 20.02.2019

Project acronym: ROBOCON-OCU

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Sprint 5 summary

| Item ID | WP ID | Status | Group's comments |
|---------|-------|-------------|---|
| 1 | 6 | In progress | We have arranged to use a 3D printer and a laser cutter, we will finish building the robot this week. |
| 2 | 3 | In progress | We have encountered some problems with deprecated and missing recipes of required packages |
| 3 | 7 | Complete | A book called API Design for C++ was read by our group. |
| 4 | 9 | Complete | The design of the GUI is changed. |
| 5 | 5 | Not started | We didn't have time to focus on this issue this sprint. |

Sprint 6 plan

| Item ID | WP ID | Description | Status |
|---------|-------|---|------------------------|
| 1 | 6 | Build the MiniRHex legged robot platform | Leftover from Sprint 5 |
| 2 | 3 | Add WxWidgets GUI framework to the Yocto distro and porting the distro to the UP platform | Leftover from Sprint 5 |
| 3 | 5 | Decrease latency of video stream | Leftover from Sprint 5 |
| 4 | 7 | Create Database Entry samples using RHexLib which will be updated via I/O devices over the API. | New |
| 5 | 9 | Design and create new widget templates for a configurable GUI | New |
| 6 | 9 | Connect main operator control program and the GUI program | New |
| 7 | 7 | Fix RHexLib's Database bug which occurs in various operating system | New |

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| 8 | 7 | Design and create an initial API for the robot platform to be able to use OCU | New |
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Overall progress

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