

Tímový projekt



Export úloh z nástroja JIRA

**Vedúci projektu:** doc. Ing. Tibor Krajčovič, PhD.  
**Spolupráca:** Ing. Lukáš Ondriga, Kistler Bratislava, s.r.o.  
**Názov tímu:** TEST.IOT  
**Členovia tímu:** Bc. Tomáš Bujna  
Bc. Marián Ján Franko  
Bc. Rastislav Kováč  
Bc. Igor Labát  
Bc. Miroslav Sabo  
Bc. Filip Starý  
Bc. Stanislav Šírka  
**Kontakt:** fiit.tp.tim15@gmail.com  
**Akademický rok:** 2018/2019

IOT-121 TO DO 7 sub-tasks PRU Shared Memory

- IOT-130 Documentation for PRU Shared Memory  
*None*
- IOT-131 Push Shared Memory Prototype Code to GIT  
*None*
- IOT-134 Comment Prototype Code  
*None*

- IOT-123 Run program for CPU and PRU communication  
*None*
- IOT-124 Write data to shared memory from CPU  
*None*
- IOT-125 Read data from shared memory from PRU  
*None*

- IOT-122 Analyze shared memory  
*None*

IOT-91 IN PROGRESS 3 sub-tasks Interfaces Design

- IOT-129 Documentation for Interface Design  
*None*

- IOT-105 Design Interface between CPU and PRU  
*None*

- IOT-104 Finalize Interface between COMONEO and BBB  
<https://git.kistler.com/FIIT/iotester/tree/RF/BBB/RE>

IOT-92 IN PROGRESS 6 sub-tasks Run ComoNeo measurement

- IOT-132 Push Prototype Code to GIT  
*None*
- IOT-135 Comment Prototype Code  
*None*
- IOT-138 PRU Reads Data Stored to Shared Memory  
*None*
- IOT-139 PRU Generates Analog Signal from REST API  
*None*
- IOT-140 Update REST API  
*None*
- IOT-141 COMONEO Test  
*None*

6 sub-tasks - Run ComoNeo measurement

6 sub-tasks - Run ComoNeo measurement

IOT-83 TO DO 3 sub-tasks REST API for analog output of IoTester

- IOT-133 Push Code to GIT  
*None*
- IOT-136 Comment Code  
*None*
- IOT-137 Documentation  
*None*

IOT-142 TO DO 4 sub-tasks Sprint 8 - Keep It Running

- IOT-143 Export Tasks for End of Sprint 7  
*None*
- IOT-144 Export Tasks for Start of Sprint 8  
*None*
- IOT-145 Update Retrospective  
*None*

- IOT-146 Split Stories to Sub-tasks  
*None*

Summary	Issue key	Issue Type	Status	Assignee	Description	Epic Link	Epic Name	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6	Sprint 7	Sprint 8	Story Points	Task type
Project goal	IOT-78	Group	Group		The goal of the project is to enable automatic testing of measuring devices. For this purpose it is necessary to develop a device able to generate various analog and digital signals which will simulate sensors and device states.												
Document how to use IoTester for devices other than ComoNeo	IOT-76	Group	Group														
Design	IOT-74	Group	Group														
Environment	IOT-71	Group	Group		First prototype of the device is used to test ComoNeo.Å  [https://www.kistler.com/en/applications/industrial-process-control/plastic-process-monitoring/injection-molding-process-control/process-monitoring-with-comoneo/]												
REST API	IOT-75	Group	Group		On the basis of ComoNeo analysis create a REST API interface.												
Robot Framework Tests	IOT-70	Group	Group		Examples of robot framework tests demonstrates the functionality of IoTester.												
Configuration of digital signals	IOT-77	Group	Group		It is possible to set digital input signals over REST API.												
Configuration of analog signals	IOT-72	Group	Group		It is possible to configure analog signals over REST API.												
Configuration of various devices	IOT-73	Group	Group		REST API should not be ComoNeo specific. It should be possible to use the same data model for other devices.												
Document how to use IoTester for ComoNeo	IOT-64	Group	Group														
Tests integration into continuous integration system	IOT-60	Group	Group														
Implementation	IOT-62	Group	Group		The goal of the implementation is to provide several working automated tests of the ComoNeo device.												
Housing	IOT-61	Group	Group		3D printer housing modelsÅ is designed.												
Hardware	IOT-63	Group	Group		Hardware consists of reusable part and device specific part (e.g. ComoNeo connectors).												
Robot framework integration	IOT-66	Group	Group														
Robot Framework tests	IOT-67	Group	Group														
Architecture document	IOT-68	Group	Group														
High level architecture	IOT-65	Group	Group		Architecture document contains high level view on PRU, ARM, beaglebone, robot framework and ComoNeo relations.Å												
IoTester architecture	IOT-69	Group	Group		Architecture of the IoTester software is documented.												
Test examples implementation	IOT-55	Group	Group														
Project goal	IOT-57	Group	Group														
Documentation	IOT-56	Group	Group		REST API is documented. Documentation contains description how to use the interface for different devices (not only for ComoNeo).												
Software	IOT-59	Group	Group														
IoTester implementation	IOT-58	Group	Group														
Split Stories to Sub-tasks	IOT-146	Sub-task	In Progress	G0255											IOT Sprint 8		
Update Retrospective	IOT-145	Sub-task	To Do	G0255											IOT Sprint 8		
Export Tasks for Start of Sprint 8	IOT-144	Sub-task	To Do	G0255											IOT Sprint 8		
Export Tasks for End of Sprint 7	IOT-143	Sub-task	To Do	G0255											IOT Sprint 8		
Sprint 8 - Keep It Running	IOT-142	Story	To Do												IOT Sprint 8	3.0	
PRU Generates Analog Signal from REST API	IOT-139	Sub-task	To Do	G0257											IOT Sprint 8		
PRU Reads Data Stored to Shared Memory	IOT-138	Sub-task	To Do	G0261											IOT Sprint 8		
COMONEO Test	IOT-141	Sub-task	To Do												IOT Sprint 8		
Update REST API	IOT-140	Sub-task	To Do												IOT Sprint 8		
Documentation	IOT-137	Sub-task	To Do												IOT Sprint 8		
Comment Code	IOT-136	Sub-task	To Do												IOT Sprint 8		
Comment Prototype Code	IOT-135	Sub-task	To Do												IOT Sprint 8		
Comment Prototype Code	IOT-134	Sub-task	To Do											IOT Sprint 7	IOT Sprint 8		
Push Code to GIT	IOT-133	Sub-task	To Do											IOT Sprint 8			
Push Shared Memory Prototype Code to GIT	IOT-131	Sub-task	To Do											IOT Sprint 7	IOT Sprint 8		
Push Prototype Code to GIT	IOT-132	Sub-task	To Do												IOT Sprint 8		
Run ComoNeo measurement	IOT-92	Story	In Progress		As a user of IoTester I want to be able toÅ run measurement on ComoNeo  Acceptance criteria: * PRU application sets measurement start digital input of ComoNeo and sets one value to the DAC converter * The dac value is possible to set via REST API * Robot Framework test checks if the cycle started and checks if the value is as expected	IOT-36									IOT Sprint 8	8.0	
Documentation for PRU Shared Memory	IOT-130	Sub-task	To Do											IOT Sprint 7	IOT Sprint 8		
Documentation for Interface Design	IOT-129	Sub-task	To Do	G0259											IOT Sprint 8		
Analyze shared memory	IOT-122	Sub-task	Closed	G0254										IOT Sprint 7	IOT Sprint 8		







