

Tímový projekt






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Názov tímu: TEST.IOT
Členovia tímu: Bc. Tomáš Bujna
Bc. Marián Ján Franko
Bc. Rastislav Kováč
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Akademický rok: 2018/2019

IOT Sprint 5

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Sprint Backlog

 IOT-95
 Create Project Documentation for ZS 

None 8

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In Progress

 IOT-90
 Digital Input Test Integration 

ComoNeo Digital Inputs

None 13




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 IOT-92
 Analog Output from PRU 

ComoNeo Analog Inputs

As a user of IoTester I want to be a 13

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 IOT-91
 Interfaces Design 

ComoNeo Analog Inputs

As a developer of IoTester I need a 13

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Review

Done

Create Team Website	IOT-30	Story	Closed	Tomáš Bujna				IOT Sprint 1							8.0		
Decide on Our Guidelines	IOT-29	Task	To Do													other	
Kistler VPN Access	IOT-28	Task	In Progress	Lukáš Ondriĝa				IOT Sprint 1	IOT Sprint 2							other	
Declaration Documents	IOT-27	Task	Closed													documentation	
Create Team Poster	IOT-26	Task	Closed													documentation	
Create Project Specification	IOT-25	Task	Closed	Lukáš Ondriĝa												documentation	
Share Google Drive	IOT-24	Task	Closed													other	
Create Team Chat	IOT-23	Task	Closed													other	
Decide on Continuous Server	IOT-22	Task	Closed													other	
Create Team GIT	IOT-21	Task	Closed													other	
Add Tasks to Jira	IOT-20	Task	Closed	Stanislav Širka	Subtasks left: * Create Sprint - done * Add tasks to Sprint - done * Add task owners - done			IOT Sprint 1								other	
Call Program on RTU from CPU	IOT-19	Task	Closed				IOT-2									implementation	
Analyze Communication Between RTU and CPU	IOT-18	Task	Closed				IOT-2									analysis	
Load Program to RTU	IOT-17	Task	Closed	Igor Labát	As a user I want to be able to set digital output from RTU to be able to test ComoNeo digital input. Acceptance criteria: Running RTU program which sets the digital output of IoTTester according configuration from CPU.		IOT-2	IOT Sprint 1	IOT Sprint 2	IOT Sprint 3						implementation	
Choose Simple Program for RTU	IOT-16	Task	Closed				IOT-2									analysis	
Choose Web Server Technology	IOT-15	Task	Closed	Rastislav Kováč			IOT-2	IOT Sprint 1								other	
RTU and Web Server Compatibility	IOT-14	Task	Closed				IOT-2									analysis	
Analyze RTU	IOT-13	Task	Closed				IOT-2									analysis	
Create a Test	IOT-12	Story	Closed	Marián Ján Franko	As a user I want to test the ComoNeo digital input. Acceptance criteria: Test configures IoTTester (library for IoTTester configuration will be implemented in different user story) Test checks the ComoNeo web application if the digital input was set. Ä		IOT-2	IOT Sprint 1	IOT Sprint 2	IOT Sprint 3					13.0		
Robot Framework LIB	IOT-11	Story	Closed	Marián Ján Franko	As a test developer I want to have a library to use IoTTester Acceptance criteria: * python module * keywords to set Como digital inputs are implemented HINT:Ä implementation of the keywords are POST requests to the IoTTester POST request is implemented inÄ http://jira.kistler.com/browse/IOT-10		IOT-2			IOT Sprint 3						5.0	
REST API Prototype	IOT-10	Story	Closed	Tomáš Bujna	As a user of IoTTester I want to have interface to set the Como digital input to be able to configure IoTTester. Acceptance criteria: * working webserver on beagleboard * implemented simple post request with value of digital input (0 or 1) * post request execution is logged to the console		IOT-2			IOT Sprint 3						3.0	
Program for RTUexe Configuration	IOT-9	Story	Closed	Filip Starý	As a user I want to be able to set digital output from RTU to be able to test ComoNeo digital input. Acceptance criteria: Running RTU program which sets the digital output of IoTTester according configuration from CPU.		IOT-2					IOT Sprint 4				8.0	
RTU and CPU Communication	IOT-8	Story	Closed	Filip Starý	As a user I need to configure real time simulation to run various simulations. Acceptance criteria: RTU and CPU prototype is running on Beaglebone Linux console.		IOT-2	IOT Sprint 1	IOT Sprint 2	IOT Sprint 3						5.0	

Load RTUexe	IOT-7	Story	Closed	Igor Labát	<p>As a user I need to do a real time simulation to be able to simulate sensor measurements.</p> <p>Acceptance criteria: Loading of the program to the real time unit will be shown on Linux console.</p>	IOT-2		IOT Sprint 1	IOT Sprint 2	IOT Sprint 3					13.0
Technology for Linux (Web Server)	IOT-6	Story	Closed	Rastislav Kováč	<p>As a developer I want to select frameworks/technologies to be able to write REST API for BeagleBone Black real time unit configurations.</p> <p>Acceptance criteria: Document 3 alternatives with pros and cons.</p>	IOT-2		IOT Sprint 1							5.0
New Housing Design	IOT-5	Story	To Do	Miroslav Sabo		IOT-1									3.0
Design Boards as modules	IOT-4	Story	To Do	Miroslav Sabo	<p>As a hardware engineer, I want to design board in modules block, so that each module has a particular function and could be possible to replace it with extended function.</p> <p>Acceptance criteria: # Detail block schematic of modules and connection between them # Created design user stories for each modules</p>	IOT-1									13.0
Analyze Board	IOT-3	Story	Closed	Miroslav Sabo	<p>As a hardware engineer I need to analyse the current board to be able to make the final design.</p> <p>Acceptance criteria: Document the current design of the board.</p>	IOT-1		IOT Sprint 1	IOT Sprint 2						8.0
Testing digital inputs on ComoNeo	IOT-2	Epic	To Do				ComoNeo Digital Inputs								
Refactoring HW for better compactness	IOT-1	Epic	To Do				IoTester Refactoring								