

Slovenská technická univerzita v Bratislave
Fakulta informatiky a informačných technológií

Ilkovičova 2, 842 16, Bratislava 4

Tímový projekt

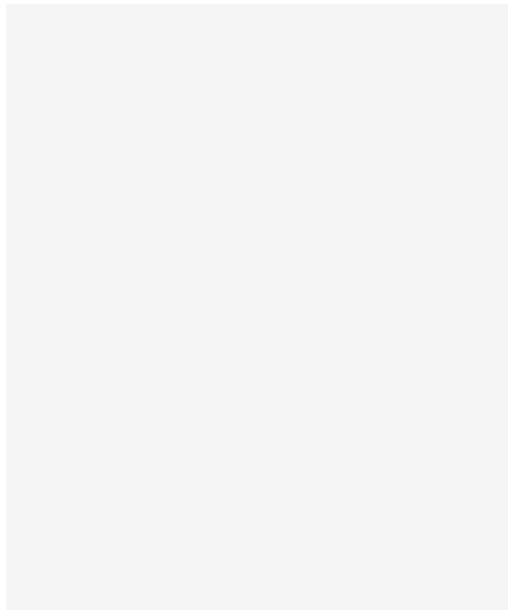


Vedúci projektu: doc. Ing. Tibor Krajčovič, PhD.
Spolupráca: Ing. Lukáš Ondriга, Kistler Bratislava, s.r.o.
Názov tímu: TEST.IOT
Členovia tímu: Bc. Tomáš Bujna
Bc. Marián Ján Franko
Bc. Rastislav Kováč
Bc. Igor Labát
Bc. Miroslav Sabo
Bc. Filip Starý
Bc. Stanislav Širka
Kontakt: fiit.tp.tim15@gmail.com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

Sprint Backlog

In Progress

Done



- IOT-7**
Load RTUexe
ComoNeo Digital Inputs
As a user I need to do a real time simulation to be able to simulate sensor measur... 5
- IOT-8**
RTU and CPU Communication
ComoNeo Digital Inputs
As a user I need to configure real time simulation to run various simulations. 5
- IOT-17**
Load Program to RTU
ComoNeo Digital Inputs
As a user I want to be able to set digital output from RTU to be able to test ComoN... 5
- IOT-12**
Create a Test
ComoNeo Digital Inputs
As a user I want to test the ComoNeo digital input. 13
- IOT-28**
Kistler VPN Access
None 5
- IOT-44**
Methodics
Create methodic for: 3

- IOT-48**
Close Sprint 1
Close sprint 1. 5
- IOT-3**
Analyze Board
IoTTester Refactoring
As a hardware engineer I need to analyse the current board to be able to make the... 5

Summary	Issue key	Issue Type	Status	Resolution	Assignee	Description	Epic Link	Epic Name	Sprint 1	Sprint 2	Story Points	Task type
Analyze Board	IOT-3	Story	Closed	Done	Miroslav Sabo	As a hardware engineer I need to analyse the current board to be able to make the final design. Acceptance criteria: Document the current design of the board.	IOT-1		IOT Sprint 1	IOT Sprint 2	8.0	
Design Boards as modules	IOT-4	Story	Draft		Miroslav Sabo	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. Acceptance criteria: # Detail block schematic of modules and connection between them # Created design user stories for each modules	IOT-1				13.0	
Prepare document for board design	IOT-49	Story	Draft				IOT-1				8.0	
Refactoring HW for better compactness	IOT-1	Epic	Draft					IoTTester Refactoring				
Create a Test	IOT-12	Story	In Progress		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.	IOT-2		IOT Sprint 1	IOT Sprint 2	13.0	
Close Sprint 1	IOT-48	Task	Closed	Done	Stanislav Šírka	Close sprint 1. Create sprint 2. Export tasks from Jira.				IOT Sprint 2		other
Load RTUexe	IOT-7	Story	In Progress		Igor Labát	As a user I need to do a real time simulation to be able to simulate sensor measurements. Acceptance criteria: Loading of the program to the real time unit will be shown on Linux console.	IOT-2		IOT Sprint 1	IOT Sprint 2	8.0	
Methodics	IOT-44	Story	In Progress		Stanislav Šírka	Create methodic for: * Meeting Documentation (RK) * Tasks management * Communication ? * Methodics done * Code versioning * Web (TB)			IOT Sprint 1	IOT Sprint 2	3.0	
Load Program to RTU	IOT-17	Task	In Progress		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		implementation
Kistler VPN Access	IOT-28	Task	In Progress		Lukáš Ondříga				IOT Sprint 1	IOT Sprint 2		other
RTU and CPU Communication	IOT-8	Story	In Progress		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	5.0	
Create Team Website	IOT-30	Story	Closed	Done	Tomáš Bujna				IOT Sprint 1		8.0	
Print User Stories	IOT-47	Task	Closed	Done	Stanislav Šírka				IOT Sprint 1			other
Choose Web Server Technology	IOT-15	Task	Closed	Done	Rastislav Kováč		IOT-2		IOT Sprint 1			other
Technology for Linux (Web Server)	IOT-6	Story	Closed	Done	Rastislav Kováč	As a developer I want to select frameworks/technologies to be able to write REST API for BeagleBone Black real time unit configurations. Acceptance criteria: Document 3 alternatives with pros and cons.	IOT-2		IOT Sprint 1		5.0	

Test analog inputs on ComoNeo	IOT-36	Epic	Draft			As a user I want to be able to test an analog output on IoTester to be able to test analog input of ComoNeo. Acceptance criteria: * test in robot framework: ** configures IoTester to send an analog signal ** checks if the signal was measured by ComoNeo		ComoNeo Analog Inputs						
Analyze SW Testing	IOT-41	Story	Draft			As a user I want to have a documentation of IoTester REST API to be able understand the interface. Acceptance criteria: * interface needs to allow to configure the hardware configuration (connectors/pins names of tested device) * interface allows to configure simulation of analog/digital signal Ä	IOT-40							
Create Methodic for Methodics Document	IOT-45	Task	Closed	Done	Stanislav Širka				IOT Sprint 1					documentation
Export Data From Jira - Sprint 1 Start	IOT-46	Task	Closed	Done	Stanislav Širka				IOT Sprint 1					other
Implement REST API	IOT-43	Story	Draft				IOT-40							
Analyze, design, implement REST API	IOT-40	Epic	Draft					REST API						
Design REST API	IOT-42	Story	Draft				IOT-40							
Add Tasks to Jira	IOT-20	Task	Closed	Done	Stanislav Širka	Subtasks left: * Create Sprint - done * Add tasks to Sprint - done * Add task owners - done			IOT Sprint 1					other
REST API Prototype	IOT-10	Story	Draft		Stanislav Širka		IOT-2						3.0	
Robot Framework LIB	IOT-11	Story	Draft		Marián Ján Franko		IOT-2						5.0	
Program for RTUexe Configuration	IOT-9	Story	Draft		Filip Starý		IOT-2						5.0	
New Housing Design	IOT-5	Story	Draft		Miroslav Sabo		IOT-1						3.0	
Create Project Specification	IOT-25	Task	To Do		Lukáš Ondříga									documentation
Share Google Drive	IOT-24	Task	Closed	Done										other
Write TP1 Requirements	IOT-32	Task	Closed	Done	Stanislav Širka									other
Study SCRUM	IOT-33	Task	Closed	Done	Stanislav Širka									other
Create Team Chat	IOT-23	Task	Closed	Done										other
Update Trello	IOT-31	Task	Closed	Done	Stanislav Širka									other
Declaration Documents	IOT-27	Task	Closed	Done										documentation
Study Poker Cards	IOT-34	Task	Closed	Done	Stanislav Širka									other
Study Story Points	IOT-35	Task	Closed	Done	Stanislav Širka									other
Create Team GIT	IOT-21	Task	Closed	Done										other
Call Program on RTU from CPU	IOT-19	Task	Draft				IOT-2							implementation
Choose Simple Program for RTU	IOT-16	Task	Draft				IOT-2							analysis
RTU and Web Server Compatibility	IOT-14	Task	Draft				IOT-2							analysis
Analyze RTU	IOT-13	Task	Draft				IOT-2							analysis
Decide on Continuous Server	IOT-22	Task	Draft											other
Create Team Poster	IOT-26	Task	Draft											documentation
Decide on Our Guidelines	IOT-29	Task	Draft											other
Testing digital inputs on ComoNeo	IOT-2	Epic	Draft					ComoNeo Digital Inputs						
Analyze Communication Between RTU and CPU	IOT-18	Task	Draft				IOT-2							analysis