[WIMNN-8] Analyze FPT record Created: 27/Sep/19 Updated: 22/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Bacik Zdenko	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Attachments:	🖼 raw-data-record.png

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	WIMNN-29	Provide documentation	Sub-task	Closed	Bacik Zdenko
	WIMNN-39	Create "how to pull fpt records from ...	Sub-task	In Progress	Chreno Martin
	WIMNN-44	Analyze meaning of fpt record fields	Sub-task	In Progress	Chreno Martin

Business Priority:	Should have
Story Points:	3
Epic Link:	Collection
Sprint:	WIMNN Sprint 1, WIMNN Sprint 2

Description

As a user of WIM DL device:

- I would like to find the way how to get FTP records from the device (use REST API)
- I would like to find the way how to collect long traffic in FPT records
- I would like to find the way how to isolate one vehicle in the FPT JSON file - JSON can contain more vehicles.

Acceptance criteria:

- A proposal on how to collect FPT record
- A proposal on how to collect and store long traffic
- A proposal on how to isolate one vehicle in FPT records

Note:
Documentation: *link*

To analyze of FPT records is necessary to see setup layout (site_setup). Every wheel which goes through the force sensor and creates a force record.
To get FPT record which are assigned exactly to one vehicle we have to see the presence record in the JSON file. Presence record determines when the vehicle enter to the sensor and when the vehicle leave the sensors.
Maybe it would be possible to use VDR development record to find which force records are assigned to one vehicle. See picture in attachment how it can looks when vehicle pass the sensors.

Analyze FPT record (WIMNN-8)

[WIMNN-39] Create "how to pull fpt records from device" Created: 15/Oct/19 Updated: 16/Oct/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	Priority:	Major
Reporter:	Tonhauzer Martin	Assignee:	Chreno Martin
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Analyze FPT record (WIMNN-8)

↳ **[WIMNN-44] Analyze meaning of fpt record fields** Created: 16/Oct/19 Updated: 16/Oct/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Chreno Martin
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Task type:	analysis

[WIMNN-12] Implement VDR collecting Created: 27/Sep/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Bacik Zdenko	**Assignee:**	Snincak Marek
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	WIMNN-61	Implement	Sub-task	To Do	Snincak Marek

Business Priority:	Should have
Story Points:	5
Epic Link:	Collection
Sprint:	WIMNN Sprint 2

Description

As a user of WIM DL device base on analyzes WIMNN-9, I would like to implement VDR collector which is able to collect data from WIM DL in continuous traffic.

Acceptance criteria:

Implemented VDR collector which is able to connect to the device and collect the VDR record.

Implement VDR collecting (WIMNN-12)

[WIMNN-61] Implement Created: 29/Oct/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Snincak Marek
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Task type:	implementation

Description

Requirements:

- configurable parameters
- log progress and errors
- implement setting configuration
- can be left running unattended
- create readme

[WIMNN-31] Generic tasks container Created: 08/Oct/19 Updated: 22/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Bacik Zdenko	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Attachments:	📄 zapisnica1.pdf

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-32	Notes from second meetup	Sub-task	Closed	Scipa Christian
WIMNN-40	Submit TP cup registration	Sub-task	Closed	Valastin Viktor
WIMNN-46	Create template for meetup documentat...	Sub-task	Closed	Scipa Christian
WIMNN-47	Find a way to export jira board	Sub-task	Closed	Scipa Christian
WIMNN-48	Notes from third meetup	Sub-task	Closed	Scipa Christian
WIMNN-49	Create methodology for document manag...	Sub-task	In Progress	Tonhauzer Martin
WIMNN-56	request more space at VPS	Sub-task	Closed	Tonhauzer Martin
WIMNN-58	create group at gitlab	Sub-task	Closed	Bacik Zdenko
WIMNN-65	Create methodology for tasks export	Sub-task	In Review	Scipa Christian
WIMNN-66	Create methodology for meeting notes ...	Sub-task	In Review	Scipa Christian
WIMNN-67	Create methodology for communication	Sub-task	In Review	Scipa Christian

Business Priority:	Should have
Sprint:	WIMNN Sprint 1, WIMNN Sprint 2

Generic tasks container (WIMNN-31)

↳ **[WIMNN-49]** Create methodology for document management Created: 16/Oct/19 Updated: 23/Oct/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Tonhauzer Martin
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Task type:	analysis

Generic tasks container (WIMNN-31)

[WIMNN-65] Create methodology for tasks export Created: 29/Oct/19 Updated: 30/Oct/19

Status:	In Review
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Scipa Christian	**Assignee:**	Scipa Christian
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Generated at Fri Nov 01 14:21:16 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.

Generic tasks container (WIMNN-31)

⌐ᵢ [WIMNN-66] Create methodology for meeting notes and sprint retrospective Created: 29/Oct/19 Updated: 01/Nov/19

Status:	In Review
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Scipa Christian	**Assignee:**	Scipa Christian
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Generated at Fri Nov 01 14:21:23 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.

Generic tasks container (WIMNN-31)

⤷ [WIMNN-67] Create methodology for communication Created: 30/Oct/19 Updated: 30/Oct/19

Status:	In Review
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Scipa Christian	**Assignee:**	Scipa Christian
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Generated at Fri Nov 01 14:21:30 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.

[WIMNN-50] Extend VDR development record to have ID in force record section Created: 18/Oct/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	Priority:	Major
Reporter:	Bacik Zdenko	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	Remaining Estimate:	Not Specified
Σ Time Spent:	Not Specified	Time Spent:	Not Specified
Σ Original Estimate:	Not Specified	Original Estimate:	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	WIMNN-62	Implement	Sub-task	To Do	Lazovy Stefan

Business Priority:	Should have
Story Points:	3
Epic Link:	Collection
Sprint:	WIMNN Sprint 2

Description

As a user of WIM DL device:

- I would like to extend the VDR development record to have an ID of force record.

Acceptance criteria:

- When Development VDR record is exported - the record contains force record with ID.

Extend VDR development record to have ID in force record section (WIMNN-50)

[WIMNN-62] Implement Created: 29/Oct/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Lazovy Stefan
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Task type:	implementation

Description

Rozsirenie VDR.development recordu o Force ID by ste mali zacat tuna: https://git.kistler.com/wimnn-tp/wim-sw/blob/master/software/WimDataLogger/src/DatabaseServer/CrossingRecordFromVDR.cpp#L75

Generated at Fri Nov 01 14:22:32 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.

[WIMNN-52] Implement FTP record stream Created: 18/Oct/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Bacik Zdenko	**Assignee:**	Benova Lenka
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	WIMNN-63	Implement	Sub-task	To Do	Benova Lenka

Business Priority:	Should have
Story Points:	8
Epic Link:	Collection
Sprint:	WIMNN Sprint 2

Description

As a user of WIM DL device:

I would like to extend the FTP functionality to be able to stream FTP records via WebSocket

Acceptance criteria:

Generated at Fri Nov 01 14:23:16 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.

Implement FTP record stream (WIMNN-52)

↳ **[WIMNN-63]** Implement Created: 29/Oct/19 Updated: 29/Oct/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Benova Lenka
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Task type:	implementation

Description

Extend FTP to stream using websockets.

1. Implementacia websocket streamu: https://git.kistler.com/wimnn-tp/wim-sw/blob/master/software/WimDataLogger/src/Hardware/WebSocketServer.h
2. Inicializacia: https://git.kistler.com/wimnn-tp/wim-sw/blob/master/software/WimDataLogger/src/DatabaseServer/CrossingConsumer.cpp#L52
3. Pouzitie: https://git.kistler.com/wimnn-tp/wim-sw/blob/master/software/WimDataLogger/src/DatabaseServer/CrossingConsumer.cpp#L52

[WIMNN-57] Prepare enviroment for development Created: 22/Oct/19 Updated: 23/Oct/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Tonhauzer Martin	**Assignee:**	Lazovy Stefan
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Business Priority:	Should have
Story Points:	3
Sprint:	WIMNN Sprint 2

Description

create "how to" steps to get ready enviroment for changes in source codes

Generated at Fri Nov 01 14:24:16 CET 2019 by Scipa Christian using JIRA 7.6.10#76012-sha1:c246fcec781798f6486414163d02aeceeac72110.