Back to previous view

[WIMNN-69] Documentation Submission Created: 05/Nov/19 Updated: 19/Nov/19

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

Type:	Story	**Priority:**	Major
Reporter:	Tonhauzer Martin	**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-70	Create methodology for code review	Sub-task	Closed	Valastin Viktor
WIMNN-71	Update Webpage with second retrospect...	Sub-task	Closed	Valastin Viktor
WIMNN-72	Create Management Documentation	Sub-task	Closed	Snincak Marek
WIMNN-73	Finalize formatting of final document	Sub-task	Closed	Scipa Christian
WIMNN-75	Create global "definition of done" m...	Sub-task	Closed	Snincak Marek
WIMNN-76	Publish "document storage methodology...	Sub-task	Closed	Snincak Marek
WIMNN-78	Create "document storage" methodology	Sub-task	Closed	Tonhauzer Martin
WIMNN-79	Add steps taken to each retrospective	Sub-task	Closed	Scipa Christian
WIMNN-80	Add product owners to the webpage	Sub-task	Closed	Valastin Viktor
WIMNN-81	Create Engineering Project Documentation	Sub-task	Closed	Tonhauzer Martin
WIMNN-95	Create NDA compliant version of docum...	Sub-task	Closed	Snincak Marek

Business Priority:	Should have
Story Points:	5
Sprint:	WIMNN Sprint 3, WIMNN Sprint 4

Documentation Submission (WIMNN-69)

[WIMNN-70] Create methodology for code review Created: 06/Nov/19 Updated: 19/Nov/19 Resolved: 19/Nov/19

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

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

Documentation Submission (WIMNN-69)

[WIMNN-71] Update Webpage with second retrospective and third sprint description Created: 06/Nov/19 Updated: 12/Nov/19 Resolved: 12/Nov/19

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

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

Documentation Submission (WIMNN-69)

[WIMNN-72] Create Management Documentation Created: 06/Nov/19 Updated: 18/Nov/19 Resolved: 18/Nov/19

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

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

Attachments:	Big picture.docx

Description

refer to this link http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/tp-main.html#odovzd-zs
section: Obsah a forma projektovej dokumentácie > Riadenie projektu

and this document http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/materialy/dokumentacia2019-20.pdf

Documentation Submission (WIMNN-69)

[WIMNN-73] Finalize formatting of final document Created: 06/Nov/19 Updated: 20/Nov/19 Resolved: 20/Nov/19

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

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

Attachments:	tp2019-20_milnik1_tim08.docx tp2019-20_milnik1_tim08.pdf

Description

refer to the hints at the bottom of http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/tp-main.html

Comments

Comment by Scipa Christian [20/Nov/19]

Tonhauzer Martin

Documentation Submission (WIMNN-69)

[WIMNN-75] Create global "definition of done" methodology Created: 10/Nov/19 Updated: 12/Nov/19 Resolved: 12/Nov/19

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

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

Task type:	documentation

Documentation Submission (WIMNN-69)

[WIMNN-76] Publish "document storage methodology" on projects webpage Created: 10/Nov/19 Updated: 12/Nov/19 Resolved: 12/Nov/19

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

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

Documentation Submission (WIMNN-69)

[WIMNN-78] Create "document storage" methodology Created: 12/Nov/19 Updated: 16/Nov/19 Resolved: 16/Nov/19

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

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

Task type:	documentation

Documentation Submission (WIMNN-69)

[WIMNN-79] Add steps taken to each retrospective Created: 12/Nov/19 Updated: 16/Nov/19 Resolved: 16/Nov/19

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

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

Task type:	documentation

Description

Add it to retrospective template and to previously created retrospective documents as well (we talked about it, but didn't write it there).

Comments

Comment by Scipa Christian [16/Nov/19]

Nová verzia sprint retrospektív sa nachádza v branchi zapisnica7 alebo na gdrive.
Snincak Marek

Documentation Submission (WIMNN-69)

[WIMNN-80] Add product owners to the webpage Created: 12/Nov/19 Updated: 18/Nov/19 Resolved: 18/Nov/19

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

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

Task type:	documentation

Description

AC:

there is picture added to the webpage.

Documentation Submission (WIMNN-69)

[WIMNN-81] Create Engineering Project Documentation Created: 12/Nov/19 Updated: 20/Nov/19 Resolved: 20/Nov/19

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

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

Description

refer to this link http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/tp-main.html#odovzd-zs
section: Obsah a forma projektovej dokumentácie > Inžinierske dielo (softvérový systém/informačný systém) > Etapa 1 - zimny semester > big picture

and this document http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/materialy/dokumentacia2019-20.pdf

Documentation Submission (WIMNN-69)

[WIMNN-95] Create NDA compliant version of documentation and publish it on webpage Created: 21/Nov/19 Updated: 24/Nov/19 Resolved: 24/Nov/19

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

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

Task type:	documentation

[WIMNN-97] Generic task container Created: 24/Nov/19 Updated: 24/Nov/19

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

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**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-98	Analyze if OpenNN is suitable for our...	Sub-task	Closed	Snincak Marek
WIMNN-104	Update webpage	Sub-task	To Do	

Business Priority:	Should have
Sprint:	WIMNN Sprint 4

Generic task container (WIMNN-97)

[WIMNN-98] Analyze if OpenNN is suitable for our usecase Created: 24/Nov/19 Updated: 28/Nov/19 Resolved: 28/Nov/19

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

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

Attachments:	Analýza-použitia-knižnice-OpenNN.pdf

Description

AC: verdict if we are able to use OpenNN in case we aren't able to install TensorFlow

Generic task container (WIMNN-97)

[WIMNN-104] Update webpage Created: 28/Nov/19 Updated: 28/Nov/19

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

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

Description

Create add 4th sprint to timeline and add new documents to webpage

[WIMNN-85] Create NN MLP prototype Created: 19/Nov/19 Updated: 21/Nov/19

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

Type:	Story	**Priority:**	Major
Reporter:	Tonhauzer Martin	**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-89	Process input created in task WIMNN-84	Sub-task	To Do	Tonhauzer Martin
WIMNN-90	Create model	Sub-task	To Do	Chreno Martin

Business Priority:	Should have
Story Points:	8
Epic Link:	NN Simulation
Sprint:	WIMNN Sprint 4

Description

*Goal: *
Create a prototype of neural network that is possible to train with a prepared dataset. As the input of NN would be a set of Force records and expected output will be the weight/pressure generated by force record. Refer to the document

Acceptance criteria:

- has a prototype of NN which is possible to learn on a prepared dataset
- output is a document describing results.

Create NN MLP prototype (WIMNN-85)

[WIMNN-89] Process input created in task WIMNN-84 Created: 20/Nov/19 Updated: 20/Nov/19

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

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

Description

Adjust datased from task WIMNN-85 to final form used by NN.

Create NN MLP prototype (WIMNN-85)

[WIMNN-90] Create model Created: 20/Nov/19 Updated: 20/Nov/19

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

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

Description

Create NN model.

AC: NN that gives expected output

[WIMNN-83] Collect test VDR data from Rumlang Created: 15/Nov/19 Updated: 21/Nov/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-91	Collect data	Sub-task	Closed	Valastin Viktor

Business Priority:	Should have
Story Points:	3
Epic Link:	Collection
Sprint:	WIMNN Sprint 4

Description

As a user of WIM DL, I would like to collect testing data that will be used to analyze Neural Network. The IP address of the device:

Acceptance criteria:

- Testing data will be collected from the testing site.
- collect at least 10000 VDRs
- save data as a zip at google drive

Collect test VDR data from Rumlang (WIMNN-83)

[WIMNN-91] Collect data Created: 20/Nov/19 Updated: 24/Nov/19 Resolved: 24/Nov/19

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

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

Description

Read story description.

Comments

Comment by Valastin Viktor [22/Nov/19]

How to run

```

```

```

```

```

```

It's making logs to out.log file

Comment by Snincak Marek [24/Nov/19]

[WIMNN-84] Prepare dataset for MLP RNN Created: 15/Nov/19 Updated: 21/Nov/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-87	Create dataset suitable as input for NN	Sub-task	In Progress	Benova Lenka
WIMNN-88	Analyse dataset and create visualisat...	Sub-task	To Do	Lazovy Stefan

Business Priority:	Should have
Story Points:	5
Epic Link:	Processing
Sprint:	WIMNN Sprint 4

Description

I would like to prepare the dataset in a proper format for network training from collected VDR.
I would like to analyze the statistical attributes of the dataset.
I would like to perform data sanity checking.

Acceptance criteria

- tool which can transform collected VDR records to usable dataset format
- executable analysis of attributes

Note

Recommended script language is python3

Prepare dataset for MLP RNN (WIMNN-84)

[WIMNN-87] Create dataset suitable as input for NN Created: 20/Nov/19 Updated: 27/Nov/19

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

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**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

Dataset should be suitable as input to NN prototype. Consult structure with asignee(s) from story #85.

AC: dataset accepted for usage in task WIMNN-87

Prepare dataset for MLP RNN (WIMNN-84)

[WIMNN-88] Analyse dataset and create visualisations Created: 20/Nov/19 Updated: 24/Nov/19

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

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

Description

Create Jupyter notebook containing suitable data visualisations for created dataset.

[WIMNN-16] Find where the NN should be placed Created: 07/Oct/19 Updated: 28/Nov/19

Status:	In Progress
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-103	Find where NN should be placed	Sub-task	In Progress	Scipa Christian

Business Priority:	Should have
Epic Link:	Processing
Sprint:	WIMNN Sprint 4

Description

I would like to know where in the current system are the data that we can use as input to the NN module (force records for single vehicle) and how are we able to use them.

Acceptance criteria:

- Proposal where are the input data for NN in current solution

Note:

Comments

Comment by Snincak Marek [26/Nov/19]

Bacik Zdenko please check this story description, i may have misunderstood something

Find where the NN should be placed (WIMNN-16)

[WIMNN-103] Find where NN should be placed Created: 27/Nov/19 Updated: 27/Nov/19

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

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

Description

check story description