

Project Name	amos-ss2021-neural-network-enablement
Production system (if any)	...
Test system (if any)	...
GitHub repository	https://github.com/amosproj/amos-ss2021-neural-network-enablement
GitHub kanban board (project)	https://github.com/amosproj/amos-ss2021-neural-network-enablement/projects/2
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/G2MEDOgLk4p
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/aVPWvh3Dwht
Additional materials	...

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[illegible]

Planning of the Kick-Off with Huawei			
	Friday	Monday	Tuesday
	23.04.2021	26.04.2021	27.04.2022
8:00:00 AM - 9:00:00 AM	x		
9:00 AM	x		
10:00 AM	x	x	x
11:00 AM	x	x	x
12:00 PM	x	x	
1:00 PM	x	x	
2:00 PM	x	x	X
3:00 PM	x	x	X
4:00 PM	x	x	X
5:00 PM	x	x	X
6:00 PM	x		X

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Scrum Master	Release Manager
1	2021-04-14		Yes	Maximilian	Everyone else	N/A	N/A
2	2021-04-21		Yes	Maximilian	Everyone else	Philipp	N/A
3	2021-04-28		Yes	Maximilian	Everyone else	Philipp	Wolfgang Meier
4	2021-05-05			Maximilian	Everyone else	Philipp	Xiangxiang Chen
5	2021-05-12		Yes	Maximilian	Everyone else	Philipp	Yilin Ke
6	2021-05-19			Maximilian	Everyone else	Philipp	Susmitha Rachamreddy
7	2021-05-26	Mid-term due	Yes	Maximilian	Everyone else	Philipp	tba
8	2021-06-02			Maximilian	Everyone else	Philipp	tba
9	2021-06-09			Maximilian	Everyone else	Philipp	tba
10	2021-06-16		Yes	Maximilian	Everyone else	Philipp	tba
11	2021-06-23			Maximilian	Everyone else	Philipp	tba
12	2021-06-30			Maximilian	Everyone else	Philipp	tba
13	2021-07-07		Yes	Maximilian	Everyone else	Philipp	tba
14	2021-07-14	Demo day!		Maximilian	Everyone else	Philipp	tba
15	2021-07-21	Retrospective		Maximilian	Everyone else	Philipp	tba

Question	Questioner
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Product Vision	Project Mission
<p>The client's vision is to operate a web-based service that allows black and white photos and videos to be uploaded and viewed and downloaded in color. It also aims to improve the quality of the photo/video. The service is to be enabled by pre-trained neural networks and run on Huawei's own hardware.</p>	<p>The goal of the project is to implement a first version of the web server on the Altas 200 DK hardware. This is to receive photos and videos and feed them to the neural network provided for coloring. Afterwards the result shall be displayed. If time permits, a super-resolution network is to be added to the pipeline.</p>

Term	Definition
tba	to be announced
NN	Neural Net

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down

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[illegible]

[illegible]

Type	Link / reference

/	Context	Name	Version	License	Comment
1	Webservice backend	flask	1.1.2	BSD-3-clause (BSD-new)	
2	Webservice frontend	tailwindcss	2.1.2	MIT	
3	Webservice frontend	dropzonejs	5.9.2	MIT	
4	Webservice frontend	jquery	3.4.0	MIT	
5	Webservice frontend	toastify-js	1.11.0	MIT	
6	OS	Ubuntu	18.04	GPL	GPL ok, we don't redistribute it
7	Developer board	Atlas 200 DK	1.73.0.0		
8	Pipeline backend	Python	3.7.5	GPL	GPL ok, we don't redistribute it
9	Toolkit package	Ascend Toolkit	20.0.RC1-arm64-linux_gcc7.3.0	GPL	GPL ok, we don't redistribute it
10	Toolkit package	Ascend Toolkit	20.0.RC1-x86_64-linux_gcc7.3.0	GPL	GPL ok, we don't redistribute it
11	Toolchain platform	Mind Studio	2.3.3		
12	Suggested colorization code	Sample colorization	2020-11	Apache 2.0	

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