

#	Title	Type	Start	End	Duration	Estimated Hours/Reso urce	Predecessors	Resources
1	Research	Group	08.06.2020	15.06.2020	8			
1_1	Understand basic theory behind NN	Task	08.06.2020	09.06.2020	2	4		Alban, Ismail, Jannik, Julius
1_2	Understand different types of neural networks	Task	10.06.2020	11.06.2020	2	4	1_1	Alban, Ismail, Jannik, Julius
1_3	Find out about different activation functions	Task	12.06.2020	12.06.2020	1	2	1_2	Julius
1_4	Learn about SVM and other non-NN Method	Task	08.06.2020	12.06.2020	5	10		Alban
1_5	Meeting: talk about researched information	Task	13.06.2020	13.06.2020	1	2	1_3,1_4	Alban, Ismail, Jannik, Julius
	Theoretical knowledge acquired	Milestone	15.06.2020	15.06.2020	1		1_5	
2	1st coding phase	Group	16.06.2020	23.06.2020	8			
2_1	Meeting: Initialize coding phase	Task	16.06.2020	16.06.2020	1	2	1_5	Alban, Ismail, Jannik, Julius
2_2	Basic feed forward NN on (E)MNIST using numpy	Task	17.06.2020	20.06.2020	4	9	2_1	Jannik
2_3	Basic feed forward NN on (E)MNIST with libraries	Task	17.06.2020	20.06.2020	4	5	2_1	Jannik, Julius
2_4	CNN working on (E)MNIST	Task	17.06.2020	20.06.2020	4	5	2_1	Alban, Ismail
2_5	Meeting: share results	Task	22.06.2020	22.06.2020	1	2	2_2,2_3,2_4	Alban, Ismail, Jannik, Julius
	Neural Networks trained on (E)MNIST	Milestone	23.06.2020	23.06.2020	1		2_5	
3	2nd coding phase	Group	23.06.2020	07.07.2020	15			
3_1	Meeting: Recycle code for actual program	Task	23.06.2020	23.06.2020	1	2		Alban, Ismail, Jannik, Julius
3_2	Feature: create and save own data	Task	24.06.2020	04.07.2020	11	8	3_1	Alban
3_3	Feature: recognize single digit from 28x28 image	Task	24.06.2020	03.07.2020	10	3	2_3,3_1	Alban, Ismail, Jannik, Julius
3_4	Feature: recognize single letters from image	Task	25.06.2020	26.06.2020	2	3	3_1	Alban, Ismail, Jannik, Julius
3_5	Feature: recognize multiple letters from image	Task	24.06.2020	03.07.2020	10	10	3_1,3_4	Alban, Ismail
3_6	Meeting: finalize program	Task	06.07.2020	06.07.2020	1	2	3_2,3_4,3_5	Alban, Ismail, Jannik, Julius
	Program recognizing our handwritten letters/numbers	Milestone	07.07.2020	07.07.2020	1		3_6	
4	Final phase	Group	06.07.2020	13.07.2020	8			
4_1	create and practice presentation (tbd)	Task	06.07.2020	11.07.2020	6	8		Alban, Ismail, Jannik, Julius
4_2	testing/debugging	Task	06.07.2020	11.07.2020	6	10		Alban, Ismail, Jannik, Julius
	Stable program and great presentation	Milestone	13.07.2020	13.07.2020	1			
5	Initialization, planning and ongoing tasks	Group	27.05.2020	16.07.2020	51			
5_1	create plan	Task	27.05.2020	27.05.2020	1	3		Jannik, Julius
5_2	setup Git repository	Task	27.05.2020	27.05.2020	1	2		Jannik
5_3	Customer meeting: pitch the plan	Task	28.05.2020	28.05.2020	1	1,5	5_1	Alban, Ismail, Jannik, Julius
	Project initialized,planned and approved	Milestone	29.05.2020	29.05.2020	1		5_3	
5_4	Customer meeting	Task	18.06.2020	18.06.2020	1	1,5		Alban, Ismail, Jannik, Julius
5_5	Customer meeting	Task	02.07.2020	02.07.2020	1	1,5		Alban, Ismail, Jannik, Julius
5_6	Customer meeting	Task	16.07.2020	16.07.2020	1	1,5		Alban, Ismail, Jannik, Julius

