

#	Title	Type	Start	End	Duration	Estimated Hours/Resource	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

