Ganttchart for Master Thesis Plan - Kilian Kramer

PROJECTTITEL: Single-lead ECG classification based on Transformer mode

1.9.2023 - 31.1.2024 (22 weeks * 40h = 880h)

	TASKTITEL	DESCRIPTION	STARTDATE	DEADLINE	LENGTH	TASK COMPL
1	**Phase 1**					
1.1	Research	Mathematical backgrround + related work research				0%
1.2	Analyzing previous projects	Closer look at previous projects				0%
1.3	Dataset analysis	Physionet 2017 challenge and EASTAF study				0%
1.3	ECG feature engineering	Research on common used features & techniques for				0%
1.4	Dataset Balancing & Augmentation	Research Techniques & Implementation				0%
2.2	Model Design	Design of the first model architectures				0%
2.3	Model Implementation Encoder, Decoder	Coding, improvements and bugfixing				0%
2.2	Experiments					0%
2.3	Design and Encoding Improvements	Research Embedding techniques for ECG and				0%
1.6	Master Thesis Writing					0%
2	**Phase 2**					
2.2	Model Implementation Encoder-Decoder	Coding, Improvements and bugfixing				0%
2.4	Experiments					0%
2.2	Problem adressing in model accuracy	Own problem solving approach				0%
2.8	Model Benchmark	Model Benchmark on Physionet 2017 Challenge				0%
2.9	Master Thesis Writing					0%
3	**Phase 3**					
3.4	Code cleanup					0%
3.7	Master Thesis Writing					0%
3.8	Master Thesis Defense					0%

	September			September/October				October				November				December				January			
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23
	04.09.23	11.09.23	18.09.23	25.09.23	02.10.23	09.10.23	16.10.23	23.10.23	30.10.23	06.11.23	13.11.23	20.11.23	27.11.23	04.12.23	11.12.23	18.12.23	25.12.23	01.01.24	08.01.24	15.01.24	22.01.24	29.01.24	05.02.24