Bachelor work

February 2021 until June 2021

Project Tasks	Effort in hours SOLL	IST	Week 1 22/02/2021	Week 2 01/03/2021	Week 3 08/03/2021	Week 4 15/03/2021	Week 5 22/03/2021	Week 6 29/03/2021	Week 7 05/04/2021	Week 8 12/04/2021
			①	② ③		④	⑤	⑥	⑦	
Project initialization	1.50	1.75	1.5 / 1.8							
Research dataset	7.00	7.00	1.0 2.0 / 1.0 2.0	1.0 1.0 1.0 1.0 / 1.0 0.0 2.0 1.0						
Set up virtual machine	4.00	7.50	1.0 1.0 / 1.0 1.0	1.0 1.0 / 1.0 1.0	1.0 0.0 0.0 / 3.0 0.0 1.5					
Jupyter Notebook / Repository Setup	8.50	7.00	0.5 / 0.5		2.0 2.0 2.0 2.0 / 2.0 0.5 4.5 0.0					
BERT model research	12.00	11.50	2.0 / 2.0			1.0 2.0 2.0 1.0 1.0 1.0 1.0 1.0 / 0.0 2.0 3.0 1.0 1.0 1.0 1.5 0.0				
Categorize reviews from dataset	6.50	2.50				2.5 1.0 1.0 1.0 1.0 / 0.0 0.5 1.0 1.0 0.0				0.3
Present findings from data set in diagrams	4.00	2.25				1.0 1.0 1.0 1.0 / 0.0 1.0 1.0 0.0				0.3
Resample dataset	10.00	5.00				2.5 2.5 2.5 / 2.5 0.0 0.0 2.0		⑥		0.5
Preprocessing Dataset	8.00	11.25					1.5 1.5 2.5 1.5 / 3.0 2.0 4.0 2.0		⑦	0.3
Create model	7.00	16.75				2.0	1.5 2.5 2.5 2.5 2.0 2.5 2.5 / 4.0 2.0 0.0 4.0 2.0 2.0 0.0			0.3
Training model	29.00	26.00	2.0 / 2.0						2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 / 6.0 2.0 0.0 0.0 0.0 3.0 0.0 0.0	2.5 2.5 2.5 /
Test Model	24.50	29.00	2.0 / 2.0							
Work on Newspaper	40.00	71.50								
Book, Film, Poster	25.00	13.00								
Meeting	9.70	9.70	0.7 0.5 / 0.7 0.5	0.5 / 0.5		1.0 0.5 / 1.0 0.5	0.5 / 0.5		0.5 / 0.5	0.5 / 0.5
Project research	92.75	60.25	0.5 / 0.5	0.5 3.5 2.0 2.8 / 3.8 4.0 2.0 2.8	2.0 2.0 2.0 2.0 0.5 0.5 0.5 / 2.0 0.5 2.0 1.5 0.5 0.5	0.5 0.5 0.0 0.0 0.0 / 0.0 1.0 0.0 0.0 3.0	1.5 1.5 1.5 1.5 1.5 / 0.0 1.5 1.0 0.0 2.0	1.5 1.5 1.5 1.5 / 2.0 1.0 0.0 1.0	0.5 1.5 1.5 1.5 1.5 / 0.5 4.0 1.5 2.0	1.5 1.5 1.5 1.5 / 2.0 3.0 3.8 2.5
Writing Documentation	71.50	105.80	1.5 1.5 0.5 0.5 / 2.0 1.8 0.5 0.5	0.5 0.5 0.5 0.5 0.5 / 0.5 0.0 0.0 1.7 0.0	0.5 0.5 0.5 0.5 0.5 / 0.0 0.5 7.5 0.6 1.0	0.5 0.5 0.5 0.5 0.5 / 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 / 0.0 0.0 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 / 2.0 1.5 1.5 5.0 3.0	0.5 0.5 0.5 0.5 0.5 / 1.0 0.5 0.5 3.5 4.0	0.5 0.5 0.5 0.5 0.5 / 2.0 2.8 0.0 1.0 1.0
Hours/day soll			2.2 4.0 7.0 5.0 4.5	3.5 4.3 1.5 4.0 6.5	4.5 4.5 4.0 3.0 3.0	4.0 4.5 3.5 4.0 6.0	4.5 5.0 4.5 4.5 3.5	4.5 5.0 4.5 4.5 5.0	7.5 7.0 4.5 4.5 5.0	4.5 4.5 4.5
Hours/day ist			2.7 4.5 7.0 8.3 5.0	3.5 3.8 0.0 6.2 6.5	2.0 8.0 8.0 2.6 4.0	1.5 3.5 3.5 4.5 7.5	0.0 2.0 2.0 3.0 6.0	6.0 9.5 4.5 5.0 8.0	9.0 5.5 4.0 5.0 6.0	8.0 5.3 3.0 4.8 3.5
Hours week			27.5	20.0	24.6	20.5	13.0	33.0	29.5	24.5

Project Tasks Balance

Total SOLL in hours	360.95
Total IST in hours	387.75
Difference in hours	26.80

Project goals (milestones)

1. Modify the previous dataset and model, than training and testing
2. Inital project research
3. Find dataset
4. Set up development environment
5. Dataset Exploration
6. Dataset Preprocessing
7. Create model
8. Model training
9. Test model
10. Work on Newspaper
11. Book, Film, Poster
12. Export and Deploy

Legend

- Time estimate in hours (SOLL)
- Effective time in hours (IST)
- Project objective (milestone) ◆