DAI-Labor
TU Berlin

Technische Universitaet Berlin

Fakultaet IV - Elektrotechnik und Informatik
Fachgebiet AOT
Prof. Dr. Sahin Albayrak

Bachelorthesis proposal

Sparked, an intuitive user interface for the automated machine learning project CODA

Robin Ruth

Matrikel–Nummer 316672

Betreuer   Researcher Christian Geissler   Dipl.-Inform. ABC

Inhaltsverzeichnis

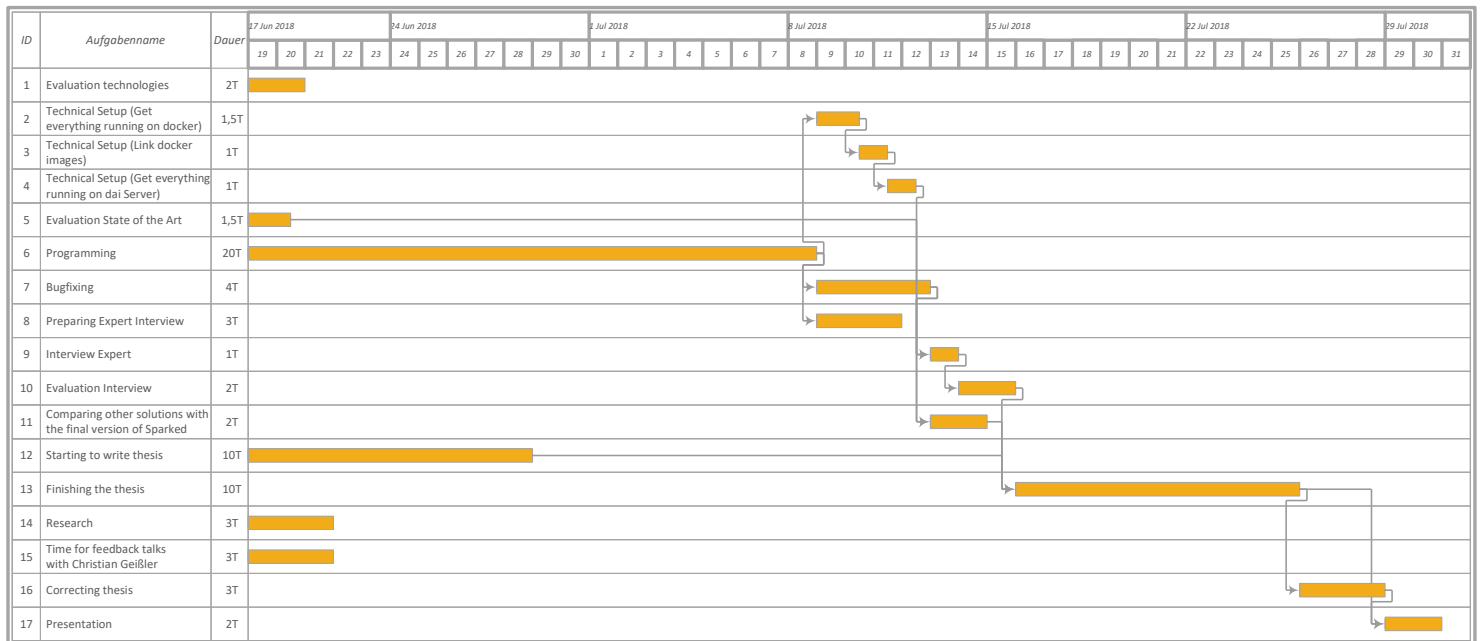# 1 Motivation

2 Objective

3 Work packages

- Evaluating technologies
  - Diplay graphs

Sparked time plan

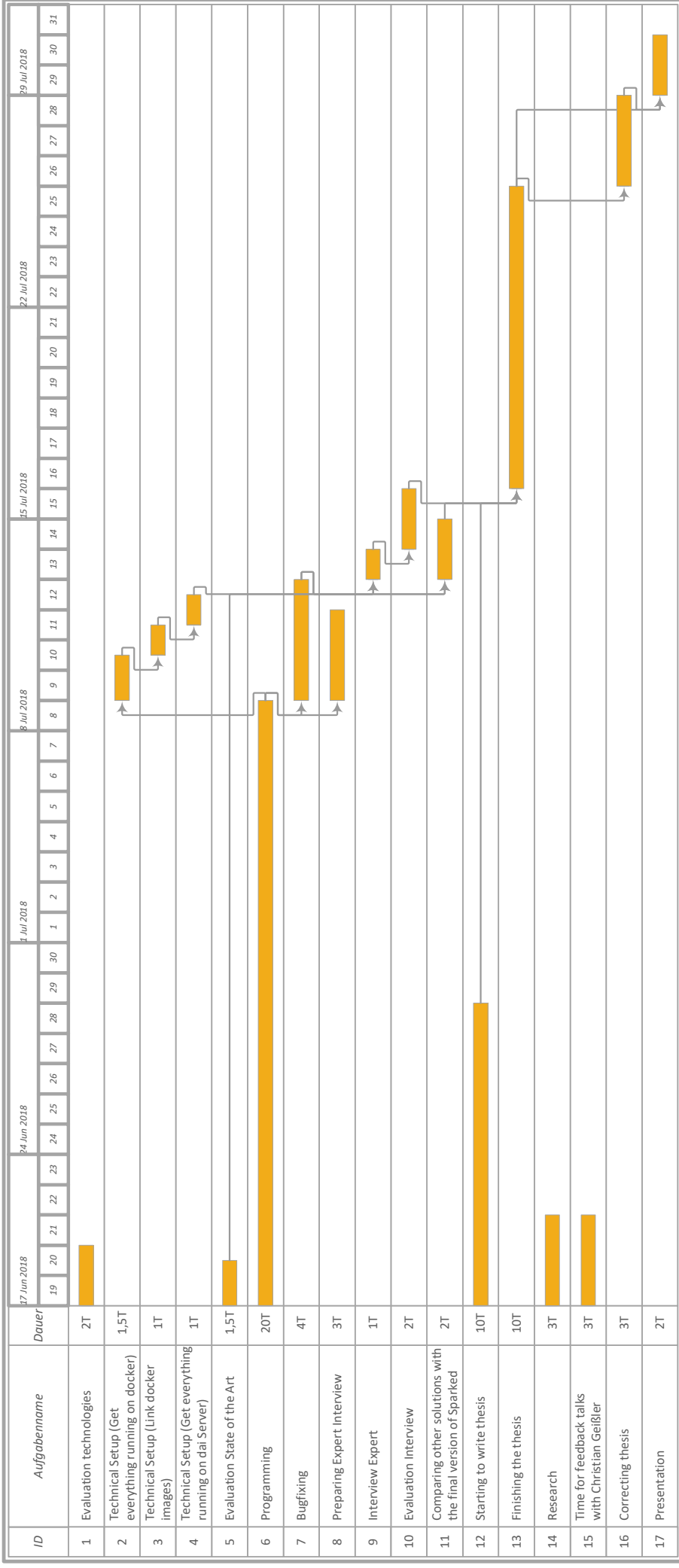| ID	Aufgabenname	Dauer	17 Jun 2018						24 Jun 2018							1 Jul 2018								8 Jul 2018							15 Jul 2018							22 Jul 2018							29 Jul 2018		
			19	20	21	22	23		24	25	26	27	28	29	30	1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Evaluation technologies	2T																																														
2	Technical Setup (Get everything running on docker)	1,5T																																														
3	Technical Setup (Link docker images)	1T																																														
4	Technical Setup (Get everything running on dai Server)	1T																																														
5	Evaluation State of the Art	1,5T																																														
6	Programming	20T																																														
7	Bugfixing	4T																																														
8	Preparing Expert Interview	3T																																														
9	Interview Expert	1T																																														
10	Evaluation Interview	2T																																														
11	Comparing other solutions with the final version of Sparked	2T																																														
12	Starting to write thesis	10T																																														
13	Finishing the thesis	10T																																														
14	Research	3T																																														
15	Time for feedback talks with Christian Geißler	3T																																														
16	Correcting thesis	3T																																														
17	Presentation	2T																																														

4 Organizational

- Language of this Bachelorthesis is english.

- The thesis will be written with pdflatex.

- Choosing programming languages and technologies are not defined and part of the development process.

- Supervisors is Christian Geißler

- Evaluators are Prof. Dr. Albayrak and Prof. Kao**inproceedings**

5 Appendix

Sparked time plan

ID	Aufgabenname	Dauer
1	Evaluation technologies	2T
2	Technical Setup (Get everything running on docker)	1,5T
3	Technical Setup (Link docker images)	1T
4	Technical Setup (Get everything running on dai Server)	1T
5	Evaluation State of the Art	1,5T
6	Programming	20T
7	Bugfixing	4T
8	Preparing Expert Interview	3T
9	Interview Expert	1T
10	Evaluation Interview	2T
11	Comparing other solutions with the final version of Sparked	2T
12	Starting to write thesis	10T
13	Finishing the thesis	10T
14	Research	3T
15	Time for feedback talks with Christian Geißler	3T
16	Correcting thesis	3T
17	Presentation	2T

Literatur

Nielsen u. a.: Getting Access to What Goes on in People's Heads? Reflections on the Think-aloud Technique   Nielsen:2002:GAG:572020.572033

Janni Nielsen, Torkil Clemmensen und Carsten Yssing. „Getting Access to What Goes on in People's Heads? Reflections on the Think-aloud Technique". In: *Proceedings of the Second Nordic Conference on Human-computer Interaction*. NordiCHI '02. Aarhus, Denmark: ACM, 2002, S. 101–110. ISBN: 1-58113-616-1. DOI: 10.1145/572020.572033. URL: http://doi.acm.org/10.1145/572020.572033.

Nørgaard u. a.: What Do Usability Evaluators Do in Practice? An Explorative Study of Think-aloud Testing
Norgaard:2006:UEP:1142405.1142439

Mie Nørgaard und Kasper Hornbæk. „What Do Usability Evaluators Do in Practice? An Explorative Study of Think-aloud Testing". In: *Proceedings of the 6th Conference on Designing Interactive Systems*. DIS '06. University Park, PA, USA: ACM, 2006, S. 209–218. ISBN: 1-59593-367-0. DOI: 10.1145/1142405.1142439. URL: http://doi.acm.org/10.1145/1142405.1142439.