Outdated. Look at farlamp-omniplan.pdf instead.

Project outline – Most tasks involve creating or updating public artifacts.

No.	Description	Type	Deadline	Postponements	Status	Est. 5 %	Est. mode	Est. 95 %	Date start	Date end	Actual duration (so far)/HH:MM
I1	**Iteration 1**	Iteration	2019-10-04	+3w	✔	36:28	40:47	50:26	2019-08-26	2019-10-01	53:30
I1a	Sketch how to adapt SupAmp to RL. → analysis	Task			✔	3:52	5:31	6:49	2019-08-26	2019-08-30	13:23
I1a1	- Revisit CSASupAmp.	Subtask			✔	1:00	2:00	3:00			sum
I1a2	- Write the sketch and push to repo.	Subtask			✔	1:30	3:00	6:00			sum
I1b3	- Write the sketch and push to repo.	Subtask			✔	1:00	2:00	5:00			sum
I1a3	- Git commit. Turn my bullet points into presentable text.	Subtask			✔						sum
I1a4	- Set up basic build pipeline.	Subtask			✔					2019-08-30	sum
I1a5	- Update the project plan with the todos and open questions.	Subtask			✔						sum
I1b	Sketch how to model supervisor failures.	Task			✔	much	less than	30:00	2019-02-02	2019-09-12	29:30
I1b1	- Revisit ChriRelAmp.	Subtask			✔	0:30	1:00	1:30			sum
I1b2	- File setup.	Subtask			✔						sum
I1b4	- Add to supamp-reamp a section about experiments.	Subtask			✔						sum
I1b5	- Add my insight that I'm not just writing for myself to supamp-reamp. And that the analysis is preliminary.	Subtask			✔						sum
I1c	Create an empty Draft Basis and fill in as far as possible.	Task			✔				?	?	1:25
I1c1	- Copy criteria from CoR into file and push to repo.	Subtask			✔	0:10	0:15	0:30			0:20
I1c2	- Fill in what I can.	Subtask			✔	0:30	2:00	6:00			1:05
I1d	Announce my project on LW or MxD.	Task			✔				2019-09-30	2019-10-01	2:52
I1d1	- Write short README that points people to the right places.	Subtask			✔					2019-09-13	1:35
I1d2	- Draft an announcement.	Subtask			✔	0:15	1:00	6:00		2019-10-01	0:49
I1d3	- Revise and publish announcement.	Subtask			✔	0:15	0:30	1:30		2019-10-01	0:28
I1e	Announce search for writing partner on LW and MxD.	Task			✔				2019-09-30	2019-10-01	1:29
I1e1	- Draft the announcements.	Subtask			✔	0:15	0:30	1:00		2019-10-01	1:15
I1e2	- Revise and publish announcement.	Subtask			✔	0:15	0:30	1:00		2019-10-01	0:14
I1f	Paul's code for SupAmp runs on my machine [and I roughly know my way around it].	Task			✔				?	?	4:51
I1f1	- Have an initial look at what is going on.	Subtask			✔	0:15	0:30	1:00	2019-09-16	2019-09-16	0:51
I1f2	- Try and make it run with minimal changes.	Subtask			✔	0:30	1:00	3:00		2019-09-17	0:50
I1f3	- Try and make it run on my graphics card.	Subtask			✘	1:00	2:00	6:00	2019-09-17	2019-09-17	3:10
I1f4	- Set up AWS account.	Subtask			✘	0:15	0:30	1:00			
I1f5	- Probably further steps TBD.	Subtask			✘	0:00	2:00	6:00			
	Iteration 2	Iteration									
	Study missing ML basics. – ML, deep learning, RL – S. DSSS.	Task									
	- Brainstorm and decide learning resources.	Subtask									
	- Go through Hands-on ML, perhaps 2nd ed.	Subtask			When done, take one hour to plan the rest of this iteration. See iterativ.md				2019-08-23		7:55
	Verify design so far.	Task									
	- Read what Paul has written about RL-based IDA.	Subtask									
	Design how to adapt SupAmp to RL. ?? Maybe first make the SupAmp overseer fail.	Task									
	- Sketch how to adapt all overseer scripts to evaluation.	Subtask			✘						
	Fill in Draft Basis further.	Task									
	Hopefully found writing partner(s).	Task									
	Iteration 3	Iteration									

No.	Description	Type	Deadline	Postponements	Status	Est. 5 %	Est. mode	Est. 95 %	Date start	Date end	Actual duration (so far)/HH:MM
	Adapt SupAmp to RL.	Task									
	Run at least one experiment from CSASupAmp with RL instead of SL.	Task									
	Write short article about the differences between SupAmp and ReAmp.	Task									
	Iteration 4	Iteration									
	Design first experiments for ReAmp with overseer failures.	Task									
	Design changes to ReAmp to accommodate experiments.	Task									
	Iteration 5	Iteration									
	Adapt ReAmp code.	Task									
	Run first experiments.	Task									
	Finish filling in Draft Basis.	Task									
	Iteration 6	Iteration									
	Read and summarize relevant literature.	Task									3h 35m
	- Make a reading list based on CSASupAmp and ChriRelAmp.	Subtask				0:15	0:30	1:00			sum
	- Extend reading list following CoR recommendations.	Subtask				0:30	1:30	4:00			sum
	- Skim articles and decide what to read in depth.	Subtask				1:30	4:00	8:00			sum
	- Read articles in depth, summarize and perhaps critique.	Subtask				9:00	13:00	25:00			
	- Send summaries to Rohin.	Subtask				0:45	1:30	2:30			
	Design and run further experiments.										
	Revisit literature.	Task									
	Make writing plan.	Task									
	Make build pipeline for article.	Task									
	Iteration 7	Iteration									
	Write draft.	Task									
	- Find out whether or not I should put Paul as an author.	Subtask									
	Revise draft.	Task									
	Solicit feedback.	Task									
	Iteration 8	Iteration									
	Write final version.	Task									
	Submit article.	Task									

Table 1

2019-08-26	0		
2019-08-27			
2019-08-28			
2019-08-29			
2019-08-30		13.3833333333333	13:23
2019-08-31			
2019-09-01			
2019-09-02		14.3833333333333	
2019-09-03		22.3833333333333	
2019-09-04			
2019-09-05		29	
2019-09-06			
2019-09-07			
2019-09-08			
2019-09-09			
2019-09-10			
2019-09-11			
2019-09-12			
2019-09-13	45		

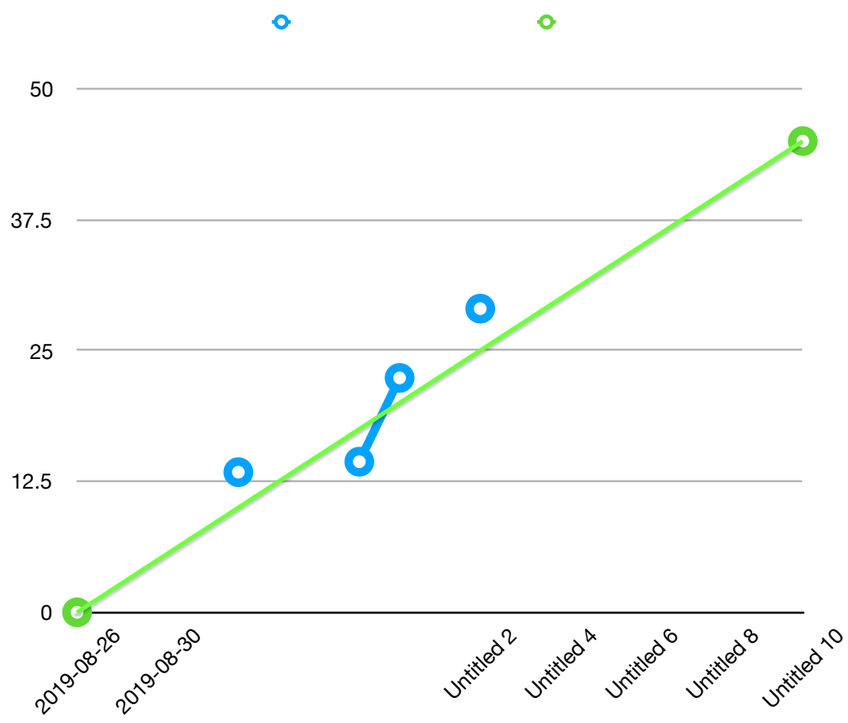

Table 2

2019-08-30		13.3833333333333	13:23	

This thing is wrong.

Estimates preprocessed for Dugless

	Est. mode	Est. 5 %	Est. 95 %	Est. mode ratio
	2447	2188	3026	0.309069212410501
	331	232	409	0.559322033898305
	120	60	180	0.5
	180	90	360	0.333333333333333
			1800	
	60	30	90	0.5
	15	10	30	0.25
	120	30	360	0.272727272727273
	60	15	360	0.130434782608696
	30	15	90	0.2
	30	15	60	0.333333333333333
	30	15	60	0.333333333333333
	120	60	360	0.2
	30	15	60	0.333333333333333
	120	0	360	0.333333333333333