



Team C-rious

Milestone 2

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Project Plan by Weeks

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
20.04.23	27.04.23								
		Write down work hours	everyone	0,25	0,25	0,25	0,25	0,25	0,25
		Draft Project Plan	Madeleine	6					
		Review Project Plan	everyone	1	1	1	1	1	1
		Ready Hours Excel Sheet	Rajesh, Manu		1,5				1,5
		Document Results	Jannis					2	
		Prepare Presentation	Madeleine	5					
		Research Petrinets on Intersections	Teja, Atif, Manu			1	1		1
		Logic Road Signs	Madeleine	1,5					
		Draft Petrinet	Teja, Atif, Manu			5	5		5
		Research qq Plot, find Reverse Exponential Distribution	Rajesh		2				
		Brainstorm Ideas how to Implement Details	Jannis					3	
		Brainstorm Ideas	Atif				2		
		Review Given Data	Atif				3		
		Sum		13,75	4,75	7,25	12,25	6,25	8,75

Milestone 2 „Project Plan“ (27.04.23)

Project Plan by Weeks

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
27.04.24	04.05.23								
		Verify Petrinet	Madeleine, Jannis	1,5				1,5	
		Document Results	Rajesh		2				
		Prepare Presentation	Teja			5			
		Sheet for Data Collection	Atif				2		
		Decide on Correct Time for Data Collection	Atif				1		
		Decide on Events and Pallet Elements	Manu, Jannis					3	3
		Research ANOVA	Madeleine	3					
		Sum		4,5	2	5	3	4,5	3
04.05.23	11.05.23								
		Collect Data (1)	Rajesh, Teja, Manu		3	3			3
		Collect Data (2)	Atif, Jannis, Rajesh		3		3	3	
		Digitalize Data	Madeleine	2					
		Sum		2	6	3	3	3	3

Milestone 3 „Conceptual Model“ (11.05.23)

Project Plan by Weeks

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
11.05.23	18.05.23								
		Collect Data (3)	Manu, Rajesh, Teja		3	3			3
		Digitalize Data	Teja, Rajesh		2	2			
		qq Plot for Parameters	Madeleine	2					
		Document Results	Madeleine	2					
		Model Current Node (1)	Jannis				5	5	
		Model Roundabout (1)	Atif						
		Sum		4	5	5	5	5	3
18.05.23	25.05.23								
		Prepare Presentation	Rajesh		5				
		Model Current Node (2)	Jannis, Madeleine	5				5	
		Model Roundabout (2)	Atif, Manu				5		5
		Model Two-Way-Street Variations (1)	Teja			5			
		Sum		5	5	5	5	5	5

Milestone 4 „Data Analysis“ (25.05.23)

Project Plan by Weeks

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
25.05.23	01.06.23								
		Model Two-Way-Street Variations (2)	Teja, Rajesh		5	5			
		Insert Data	Atif, Manu	2			2		2
		Document Results	Madeleine	2					
		Prepare Presentation	Jannis					5	
		Sum		4	5	5	2	5	2

Milestone 5 „Simulation Program“ (01.06.23)

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
01.06.23	08.06.23								
		Write and Run Experiments for Validation	Jannis, Manu, Rajesh		5			5	5
		Document Results	Teja			2			
		Prepare Presentation	Atif				5		
		Write and Run Experiment 1	Madeleine, Teja	3,5		3,5			
		Sum		3,5	5	5,5	5	5	5

08.06.23	15.06.23								
		Write and Run Experiment 2	Teja, Manu			3,5			3,5
		Write and Run Experiment 3	Rajesh, Atif		3,5		3,5		
		Write and Run Experiment 4	Madeleine, Jannis	3,5				3,5	
		Sum		3,5	3,5	3,5	3,5	3,5	3,5

Milestone 6 „Validation!“ (15.06.23)

Project Plan by Weeks

Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
15.06.23	22.06.23								
		Graphics for Results	Teja			6			
		Document Results	Manu						2
		Sum		0	0	6	0	0	2
22.06.23	29.06.23								
		Prepare Presentation	Manu						5
		Final Version Documentation	Rajesh, Teja		3	3			
		Print Documentation	Rajesh, Teja		0,5	0,5			
		Sum		0	3,5	3,5	0	0	5
Milestone 7 „Experiments“ (29.06.23)									
Start	End	Task	Assigned to	Madeleine	Rajesh	Teja	Atif	Jannis	Manu
29.06.23	06.07.23								
		Prepare Presentation	Madeleine	5					
		Sum		5	0	0	0	0	0
Milestone 8 „Final Report“ (06.07.23)									
Total Hours				45,25	39,75	35,25	38,75	37,25	40,25

Project Plan by Content

To Note:

- Total hours available: 600
- Total hours needed according to info on the website: 330
- Total hours estimated: 357 (Team meetings included)
- Presentations do not count into hours
- Duration pools hours

Project Plan by Content

Number	Task	Status	Assigned to	Deadline	Duration	Dependencies
0 Teammeetings					90	
0.1	Meeting 1	Complete	everyone	20.04.23	9	
0.2	Meeting 2	Not Started	everyone	27.04.23	9	
0.3	Meeting 3	Not Started	everyone	04.05.23	9	
0.4	Meeting 4	Not Started	everyone	11.05.23	9	
0.5	Meeting 5	Not Started	everyone	25.05.23	9	
0.6	Meeting 6	Not Started	everyone	01.06.23	9	
0.7	Meeting 7	Not Started	everyone	08.06.23	9	
0.8	Meeting 8	Not Started	everyone	15.06.23	9	
0.9	Meeting 9	Not Started	everyone	22.06.23	9	
0.10	Meeting 10	Not Started	everyone	29.06.23	9	
1. Before the Plan					23,5	
1.1	Write down work hours	In Progress	everyone	27.04.23	1,5	
1.2	Draft Project Plan	Complete	Madeleine	22.04.23	6	
1.3	Review Project Plan	In Progress	everyone	24.04.23	6	1.2
1.4	Ready Hours Excel Sheet	In Progress	Rajesh, Manu	27.04.23	3	
1.5	Document Results	In Progress	Jannis	27.04.23	2	1
1.6	Prepare Presentation	In Progress	Madeleine	26.04.23	5	1.3
1.7	Presentation	Not Started	Madeleine	27.04.23	0	1.6

Project Plan by Content

Number	Task	Status	Assigned to	Deadline	Duration	Dependencies
2 Conceptual Model				04.05.23	37,5	
2.1	Research Petrinets on Intersections	In Progress	Teja, Atif, Manu	23.04.23	3	
2.2	Logic Road Signs	Complete	Madeleine	22.04.23	1,5	
2.3	Draft Petrinet	In Progress	Teja, Atif, Manu	27.04.23	15	2.2
2.4	Discussion Petrinet	Not Started	everyone	27.04.23	8	2.3
2.5	Verify Petrinet	Not Started			3	2.4
2.6	Document Results	Not Started			2	2
2.7	Prepare Presentation	Not Started	Teja	10.05.23	5	2.5
2.8	Presentation	Not Started	Teja	11.05.23	0	2.7
3 Data Analysis				25.05.23	47	
3.1	Sheet for Data Collection	Not Started			2	5.3, 6.2
3.2	Research qq Plot, find Reverse Exponential Distribution	In Progress	Rajesh	27.04.23	2	
3.3	Decide on Correct Time for Data Collection	Not Started			1	5.2
3.4	Collect Data (1)	Not Started			9	3.1
3.5	Collect Data (2)	Not Started			9	3.1
3.6	Collect Data (3)	Not Started			9	3.1
3.7	Digitalize Data	Not Started			6	3.4, 3.5, 3.6
3.8	qq Plot for Parameters	Not Started			2	3.7
3.9	Document Results	Not Started			2	3
3.10	Prepare Presentation	Not Started	Rajesh	24.05.23	5	3.8
3.11	Presentation	Not Started	Rajesh	25.05.23	0	3.10

Project Plan by Content

Number	Task	Status	Assigned to	Deadline	Duration	Dependencies
4 Simulation Programm				01.06.23	67	
4.1	Research how traffic is done in Anylogic	Complete	Jannis	20.06.23	2	
4.2	Brainstorm Ideas how to Implement Details	In Progress	Jannis	27.04.23	3	
4.3	Decide on Events and Pallet Elements	Not Started			6	4.1, 4.2
4.4	Model Current Node	Not Started			15	2
4.5	Model Roundabout	Not Started			15	2
4.6	Model Two-Way-Street Variations	Not Started			15	2
4.7	Insert Data	Not Started			4	3
4.8	Document Results	Not Started			2	4
4.9	Prepare Presentation	Not Started	Jannis	31.05.23	5	4.7
4.10	Presentation	Not Started	Jannis	01.06.23	0	4.9
5 Validation				15.06.23	30	
5.1	Brainstorm Ideas	In Progress	Atif	27.04.23	2	
5.2	Review Given Data	In Progress	Atif	27.04.23	3	
5.3	Decide on Data to Measure for Validation	Not Started	everyone	27.04.23	3	5.1, 5.2
5.4	Write and Run Experiments for Validation	Not Started			15	4, 5.3
5.5	Document Results	Not Started			2	5.
5.6	Prepare Presentation	Not Started	Atif	14.06.23	5	5.4
5.7	Presentation	Not Started	Atif	15.06.23	0	5.6

Project Plan by Content

Number	Task	Status	Assigned to	Deadline	Duration	Dependencies
6 Experiments				29.06.23	47	
6.1	Research ANOVA	Not Started	Madeleine	04.05.23	3	
6.2	Final Decision on Experiments	Not Started	everyone	04.05.23	3	6.1, 5.2
6.3	Write and Run Experiment 1	Not Started			7	6.2, 4
6.4	Write and Run Experiment 2	Not Started			7	6.2, 4
6.5	Write and Run Experiment 3	Not Started			7	6.2, 4
6.6	Write and Run Experiment 4	Not Started			7	6.2, 4
6.7	Graphics for Results	Not Started			6	6.3, 6.4, 6.5, 6.6
6.8	Document Results	Not Started			2	6
6.9	Prepare Presentation	Not Started	Manu	28.06.23	5	6.7
6.10	Presentation	Not Started	Manu	29.06.23	0	6.9
7 Final Report				06.07.23	15	
7.1	Final Version Documentation	Not Started		05.07.23	6	6
7.2	Print Documentation	Not Started		06.07.23	1	7.1
7.3	Prepare Presentation	Not Started	Madeleine	05.07.23	8	6
7.4	Presentation	Not Started	Madeleine	06.07.23	0	7.3

Lessons Learned

- Without a plan we were way off in estimating what we have to do
- Different kind of plans are good for different things
- There is no such thing as being sure
- The project seem less overwhelming