

Date	Time With Project Work	Travel/Commute	Activities	Total Time that Day		
02.10.2025	03:30	01:00	Kick-Off Meeting, Introductions and Explanation, why this Project was started	4,5		Total Time spend
09.10.2025	03:00	01:00	Microcontroller Test and general Introduction to the ESP32	4		74
16.10.2025	03:15	01:00	Branstorming in Groups to Design a prototype	4,25		
17.10.2025	01:00	00:00	Finishing up the groups Prototype idea	1		
23.10.2025	03:15	01:00	Presenting brainstorming results, deciding on which parts will make the cut	4,25		
30.10.2025	03:00	01:00	Seperation into groups and subgroups for the creation of the prototype, start setting up Node-Red environemnt	4		
06.11.2025	03:00	01:30	LINEG Excursion and Summarising notes off the excursion	4,5		
08.11.2025	04:00	00:00	Studying up on Tools used by LINEG and how they are used	4		
13.11.2025	02:30	01:00	MQTT Presentation	3,5		
20.11.2025	03:30	01:00	First setup of MQTT and Node-Red	4,5		
22.11.2025	02:00	00:00	Setup PostGIS and creation of initialisation	2		
27.11.2025	02:00	00:00	Konfiguring Node-Red test cases and PostGIS Path	2		
04.12.2025	03:00	00:00	Konfiguring the PostGIS Path of Node-Red	3		
11.12.2025	sick	sick		0		
15.01.2025	03:00	00:00	Troubleshooting the PostGIS Connection	3		
18.12.2025	01:30	00:00	Some Final tests with the PostGIS-Node	1,5		
20.12.2025	01:30	00:00	Researching ways to Emulate the sensor, if sensor doesn't arrive in time	1,5		
28.12.2025	02:00	00:00	Further looking into ways to realistically emulate a sensor	2		
08.01.2026	02:00	01:00	Creating grafics and descriptions for the poster	3		
09.01.2026	01:00	00:00	Fixing some issues with the Grafics	1		
11.01.2026	03:00	00:00	Setting up testing laptop for sensor test.	3		
14.01.2026	02:30	00:00	Added Pressure and Temperature Value to the PostGIS and added some validation in the Node-Red-Flow	2,5		
15.01.2026	02:30	01:00	Fixing some last minute bugs	3,5		
21.01.2026	02:00	00:00	Writing report	2		
22.01.2026	02:00	01:00	Postersession	3		
24.01.2026	01:30	00:00	Writing report	1,5		
30.01.2026	01:00	00:00	Writing Personal Summary	1		