TIMESHEET REPORT

Fabian Sloma (31647)

Date	Time spent in hours:minutes	Description of Activity
02.10.2025	3:00	First Session (Introduction)
03.10.2025	2:30	Setup of Arduino IDE; Learning about ESP32 Microcontroller
08.10.2025	2:00	Various Arduino tutorials
09.10.2025	3:00	Second Session (Introduction to Arduino/ESP32)
10.10.2025	3:00	Scripting various ESP32 scripts
16.10.2025	3:00	Third Session (Brainstorming in Groups & First Draft of a Buoy-Style Sensor)
22.10.2025	2:00	Finalization of "Sketch Concept" of Buoy-Style Sensor
23.10.2025	3:00	Session 4 (Component Search for First Draft: Data Transfer over Lora, Protective Mesh for Sensor, etc.)
27.10.2025	3:00	Research for Housing Materials
30.10.2025	3:00	Session 5 (Research in Expert Groups: Group: Housing and Placement)
06.11.2025	2:00	Analyzing Information from LINEG Excursion (not present due to overlapping course)
12.11.2025	2:00	Research on LINEG Sensors
13.11.2025	6:00	Trip to hardware store (Group Housing) & Session 7 (Work on Housing & Introduction to MQTT)
14.11.2025	3:00	Designing Concept for Housing
20.11.2025	3:00	Session 8 (Work on Housing)
21.11.2025	3:00	Research for Housing Materials
27.11.2025	3:00	Session 9 (Work on Housing)
03.12.2025	3:00	Finalizing Housing Components (for procurement)
04.12.2025	3:00	Session 10 (Work on Housing)
05.12.2025	3:00	Setup and Introduction to "Fusion 360" (for Mounting Board Design)

08.12.2025	4:00	Designing the Mounting Board 3D Print in Fusion 360
11.12.2025	3:00	Session 11 (Design of "Complete Plan"; Work on Housing)
08.01.2026	3:00	Session 13 (Work on Housing/Mounting Board; Layout-Sketch for the report)
09.01.2026	2:00	Research for Laser-Cut-Style-Designs
14.01.2026	3:30	Designing Laser-Cut Mounting Board
15.01.2026	3:00	Session 14 (Work on Laser-Cut Mounting Board Design)
19.01.2026	4:00	Work on report
22.01.2026	6:00	Session 15 (Participated in: Final assembly of the prototype & Poster Session)
23.01.2026	4:00	Work on report
08.02.2026	0:30	Work on contributions summary

Total time: **91:30:00** (in hours:minutes:seconds)

Notes:
Session time was calculated as 03:00h (15min break removed).
Travel time for Sessions (2 x 45min) not included.