Task	Target (h)	Actual (h)	Calendar Week
			6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 · 21 · 22
Project start			
Problem analysis and concept developement	12	8	
Administration and project planning	12	8	
Literature	5	10	
Line Cutter			
Investigation of options	12	12	
Testing of line cutters	12	10	
Design	8	6	
Hardware			
Detail block diagram and core component evaluation	5	2	
Schematic design, bill of material (BOM) and Component ordering	20	24	
PCB Layout	24	20	
Review and production preparation	20	18	
Assembly and Testing	36	30	
Mechanical design	12	18	
Firmware			MS1
Installation and familiarization with IDE, programmer, RTOS and setup	8	10	
Concept design	5	8	
Implementation of USB-Interface	8	4	
Implementation of Sensors	20	18	
Implementation of Telemetry	15	24	
Integration of modules and main application	20	36	
System testing			MS2
Software Tests	8	10	
Cutting Tests	5	8	
Additional Testing	5	12	
Documentation			MS3
Requirements Specification / Report	76	100	
Abstract / Poster / Elevator speech (video)	12	8	
Total (h):	360	404	MS4 MS5

Target	
Actual	

Milestone	Description
MS1	Hardware design finished and production start
MS2	Firmware key-requirements implemented
MS3	System integration tests validated
MS4	Submission date for abstract: xxxxxxx
MS5	Submission date for thesis: 04.06.2022