Table of contribution

Name	Task	Contribution [%]
Mejborn	3	50
Rylander	3	50
Erik	16	50
Daniel	16	50
Alexander	9	50
Claudio	9	50

Table of Tasks

Task ID	Description	Classify the complexity and extent of the task (small, medium, large)	Justify the classification, by estimating the extent of the task, e.g., in terms of • number of files change, added, deleted • number of lines of code changes, added, deleted • or in case of non-coding tasks use: pages (for documentation) or lines of comments (for code comments)
	Milestone 2:		
T3.1	Ask stakeholders of requirements	Small	Meeting, and writing with stakeholders.
T3.2	C++ / cmake tutorials	Small	Time spent 2-4h
T3.3	Create SMCE_Client Skeleton and runnable .exe	Small	1 file added, 1 file modified
T3.3	Feature: Implement start,stop,pause,resume	Small	1 file change (approx + 70 LOC)
T3.4	Feature: Implement uart messaging (Ongoing)	Large	1 file change (approx + 80 LOC) More complex than expected, as knowledge of functionality needs to be expanded. Many bugs were encountered.
	Milestone 3:		

T3.5	Feature: Implement uart messaging	Medium	Finished from last sprint, the bug is still there in windows, switched to a UNIX based system to continue development. Took way longer than it should have approx 10h+ of debugging, before switching the development environment to UNIX from Windows.
T3.6	Refactor of structure	Small	2 file changes (approx + 10 LOC) Refactored where the SMCE_Client file was, from src folder to its own Client folder. Also added in cmake so it copies the "right" SMCE.dll at compile time.
T3.7	Feature: Implement GPIO pin value setter	Small	1 file change (approx + 40 LOC)
T3.8	Feature: Implement GPIO pin reader	Small	1 file change (approx + 20 LOC)
T3.9	Feature: Implement recompile sketch functionality (Ongoing)	Medium	1 file change (approx + 30 LOC) Still ongoing, but should be finished soon, encountered problem with thread handling
T3.10	Refactoring of code (Ongoing)	Small	Refactoring code to methods to make it easier to understand.
T9.1	Ask stakeholders of requirements	Small	Communicate with stakeholders in Discord, understand the problem.
T9.2	Learn about MVC/MVVM	Small	Watching some youtube video(s) should be enough.
T9.3	Figure out how to implement MVC/MVVM	Medium	This is a prerequisite for the main task. It is not trivial to adapt the generic patterns MVC/MVVM to SMCE-gd.
T9.4	Refactor code inside src	Large	This is the main task. There are many scripts that need to be refactored here, and tested too after each edit.
T16.1	Understand what needs to be done for the task. Realised that there are several ways to go about it, and trying to figure out which is the best	Small	Time spent: Approx 8h
T16.2	Implement the class that is needed to be able to access the framebuffer during runtime	Medium	2 files added(approx + 175 LOC)
T16.3	Add the ArduinoGraphics and MXRRGBMatrix	Small	1 file modified (approx + 20 LOC)

	libraries as plugins in the front end		
T16.4	Add a patched version of MXRRGBMatrix to the front end (Ongoing)	Medium	2 files added (approx + 75 LOC)