Task ID	Description	Class	Justification						
T1	Create preliminary related subtasks to chosen tasks	Small	Time taken						
T2	Lead Tour 1	Medium	Preparations + time taken						
T3	RGB565	Large	3 group members, code is difficult to understand, learning c++						
T4	Learning c++	Medium	6 group members, the code contains obscure syntax.						
T5	Overleaf template	Small	Based on template from canvas						
T6	Book Group rooms	Small	·						
T7	Write bot to assign room booking responsibilities	Small	Max						
T8	Set up Trello	Small	Max/Jonathan/Hampus						
T9	Set up Github	Small	Jonathan						
T10	Reading papers	Medium	6 group members, 1-2 papers each.						
T11	Sourcetrail	Medium	Max, lots of trial and error						
T12	Lead/prepare meeting	Medium	Jonathan, many meetings						
T13	Take notes	Small	Jonathan, Adam, Ludvig.						
T14	Create group contract	Small	Took a meeting to get done						
T15	SonarCloud code duplication	Large	3 group members, lots of trial and error while trying to make SonarCloud work.						
T16	Class reading	Large	6 Group members, lots and lots of reading, many files to go through						
T17	Lead tour 2/demo	Medium	Preparations + time taken						
T18	Increase current test coverage of libSMCE by 5%	Medium	Extend tests for BoardView.cpp class ~75 new LOC, looking over what parts of the	class is already	tested				
T19	-	Medium	Read documentation for gcovr, CodeCoverage, ctest -T Coverage	ciaco io alleauy	icoleu				
T20	Show the code coverage for the project	Medium	5 7 57	ckDienley					
T21	ArduinoGraphics library support	Small	Lots of code reading, comparing and troubleshooting, created ArduinoGraphics Mo		atation				
	Add tests for RGB565		Was based on RGB444 testcase but needed testdata calculations and tweaks to fu			mplomontation			
T22	Implement RGB565 with the rest of the system (like RG		Reading through ardunio code and kernel doc to understand proper format and imp						
T23	SonarCloud code duplication	Medium	Making sonarcloud build wrapper and sonar-scanner work for the code quality repo		ed regarding cod	e auplication			
T24	Learn C++	Large	6 group members. Lots of time spent trying to understand/learn c++ code when doi	ng other tasks.					
T25	Lead/prepare meeting	Small	A manadam are mise of a construction						
T26	Meeting with stakeholders	Small	1 meeting, required some preparation						
T27	Meeting with Ricardo	Small	1 meeting, required some preparation						
T28	Lead tour 3/demo	Medium	Preparations + time taken						
T29	Include a light-weight sketch editor in smce-gd	Small	Learning Godot + Implement 6 files changed, +312 -9 LOC						
T30	Open the current sketch directly in the editor	Small	Learning Godot + Implement 6 files changed, +312 -9 LOC						
T31	Allow the editor to be 'minimized' rather then closed	Small	Learning Godot + Implement 6 files changed, +312 -9 LOC						
T32	Allow for multiple tabs in the sketch editor	Small	Learning Godot + Implement 6 files changed, +312 -9 LOC						
T33	BoardView.cpp has duplicated code;	Small	Mainly validating with the stakeholders that everything is correct, some minor code						
T34	CodeCoverage	Small		Search for different coverage programs, read several manuals to find right way to implement					
T35	Backend for task 16	Medium	One attempt at implementing this tried and failed, has required learning about Ardu	e implemented overall, code reading, pair programming	ng				
T36	Communication with stakeholders/Ricardo	Small	Requires some time						
T37	Lead/prepare meeting	Small	Requires some time						
T38	Work on the plugin manifest for task 16	Small/medium	Lots of code reading, documentation. Communication with Ryan & Rutgher which i	s also rather time	e consuming				
T39	Expose framebuffer to arduino plugin	Small	Code reading and comprehension, formulating questions to Ryan and then trying to comprehend the answer.						
T40	Work on implementation of the MKRRGB display	Medium	Lots of time and energy put into trying to figure out how to connect the display to the	e rest of the syst	tem, mainly the f	ramebuffer			
T41	Lead/prepare meeting	Small	Requires some time						
T42	Communication with stakeholders/Ricardo	Small	Requires some time						
T43	Troubleshoot .dll hell	Small	Time taken						
T44	Code reading regarding toolchain	Small	Time taken						
T45	Comprehending C++ specifics relevant for task 13	Small	Time taken						
T46	Dev-tool: Try out chord diagrams	Medium	Trying out several that didn't work. Tried to customize one that kinda works.						
T47	Writing report	Medium	3+ pages, sources etc.						
T48	Task 6: Syntax highlighting and "minimize" bug fixing	Small	Alongside small GUI edits, ~+100 LOC						
T49	Writing report	Small	~2 pages						
T50	Lead tour 5	Medium	Preparations + time taken						
T51	Dev-tool: Creating a matrix of method calls	Medium	Find suitable project, understand how it works, and use the right objects to create a	matrix.					
T52	Task 13, making toolchain echo relevant info	Small	Time taken						
T53	Making smce-gd run custom libsmce backend	Medium	Complexity, troubleshooting, time taken						
T54	Task 16 - other	Medium		in console from	running scripte i	n godt			
T55	Task 16 - Use Plugin manifest to enable use of Arduino		Fix, plugin manifest, create test ino files, a lot of fixes once we could get responses in console from running scripts in godt Lots of code reading, trying to understand how plugin manifests works and how it connects to the rest of the system.						
	rask to - ose riugin manifest to enable use of Ardulfio	On Official	Several hours spent on code reading and comprehension. Required to get knowledge on how the system downloads github projects and implements them to the rest of the system using library patches						

Task ID	B	01	Local Branch and							
Task ID	Description	Class	Justification							
T57	Task 16 - Add frontend display graphical component in Go	o Medium	Learn about gd script and try to combine this with the existing implementation of a camera to create the fontend part of the screen							
T58	Task 16 - Transfer framebuffer from smce-gd to godot	Small	Time taken due to weird errors that are hard to track down, some time spent with st	akeholders trying	to fix this.					
T59	Task 16 - Expose framebuffer to Arduino plugin	Medium	20+ hours spent on code comprehension, how the boardview interacts with the rest of the system. Trying to understand what can, and cannot be exposed to the rest of the system.							