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	Show the code coverage for the project	Medium	Read documentation for gcovr, CodeCoverage, ctest -T Coverage
T20	ArduinoGraphics library support	Medium	Lots of code reading, comparing and troubleshooting, created ArduinoGraphics MockDisplay
T21	Add tests for RGB565	Small	Was based on RGB444 testcase but needed testdata calculations and tweaks to function implementation
T22	Implement RGB565 with the rest of the system (like RGB4	Medium	Reading through ardunio code and kernel doc to understand proper format and implement, need to rewrite current implementation
T23	SonarCloud code duplication	Medium	Making sonarcloud build wrapper and sonar-scanner work for the code quality report. 2 files changed regarding code duplication
T24	Learn C++	Large	6 group members. Lots of time spent trying to understand/learn c++ code when doing other tasks.
T25	Lead/prepare meeting	Small	
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 fixes
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 ArduinoGraphics plugin as well as how plugins should be implemented overall, code reading, pair programming
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 is also rather time 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 rest of the system, mainly the framebuffer
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