

Planning

Sound reactive laser projector

WEEK	Vahan KOMARYAN	Benjamin CHOISELAT
WEEK 1 (12/12/2022)	Create stepper motor code	Operate the laser with the arduino
WEEK 2 (19/12/2022)	Create the code that will use two stepper motors to move the laser in a 2D plane	Think about the global shape of the system
WEEK 3 (9/01/2023)	Make the first program working with the MSEGQ7 (if we received it but we should)	Merging the stepper motors code and the laser
WEEK 4 (16/01/2023)	Imagine the best way to make the laser react to the sound and produce the best effect	Use the MSEGQ7 code to make react the laser to music
WEEK 5 (02/02/2023)	Make the laser draw simple shapes	Coding the best way to make the laser react to the sound
WEEK 6 (09/02/2023)	Try to make the laser follow more complex forms part.1	Merging the drawing of simple shapes and the laser's reaction to obtain something potentially interesting
WEEK 7 (16/02/2023)	Try to make the laser follow more complex forms part.2	Rethink about what could be improve to produce a better effect
WEEK 8 (02/03/2023)	Create the system housing and place everything in it	Improve the code with what was found the week before
WEEK 9 (09/03/2023)	Presentation	

There is a good chance that the planning change over the weeks