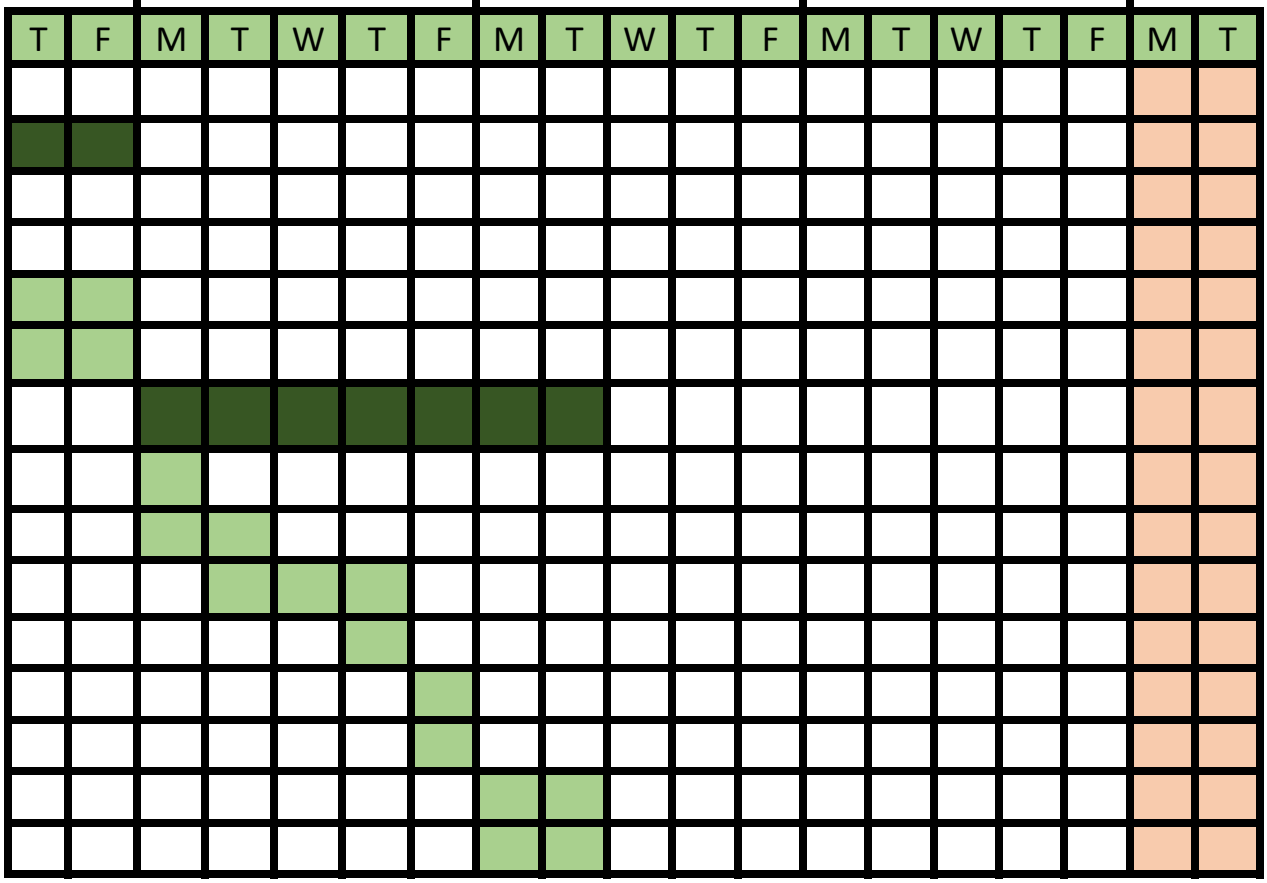
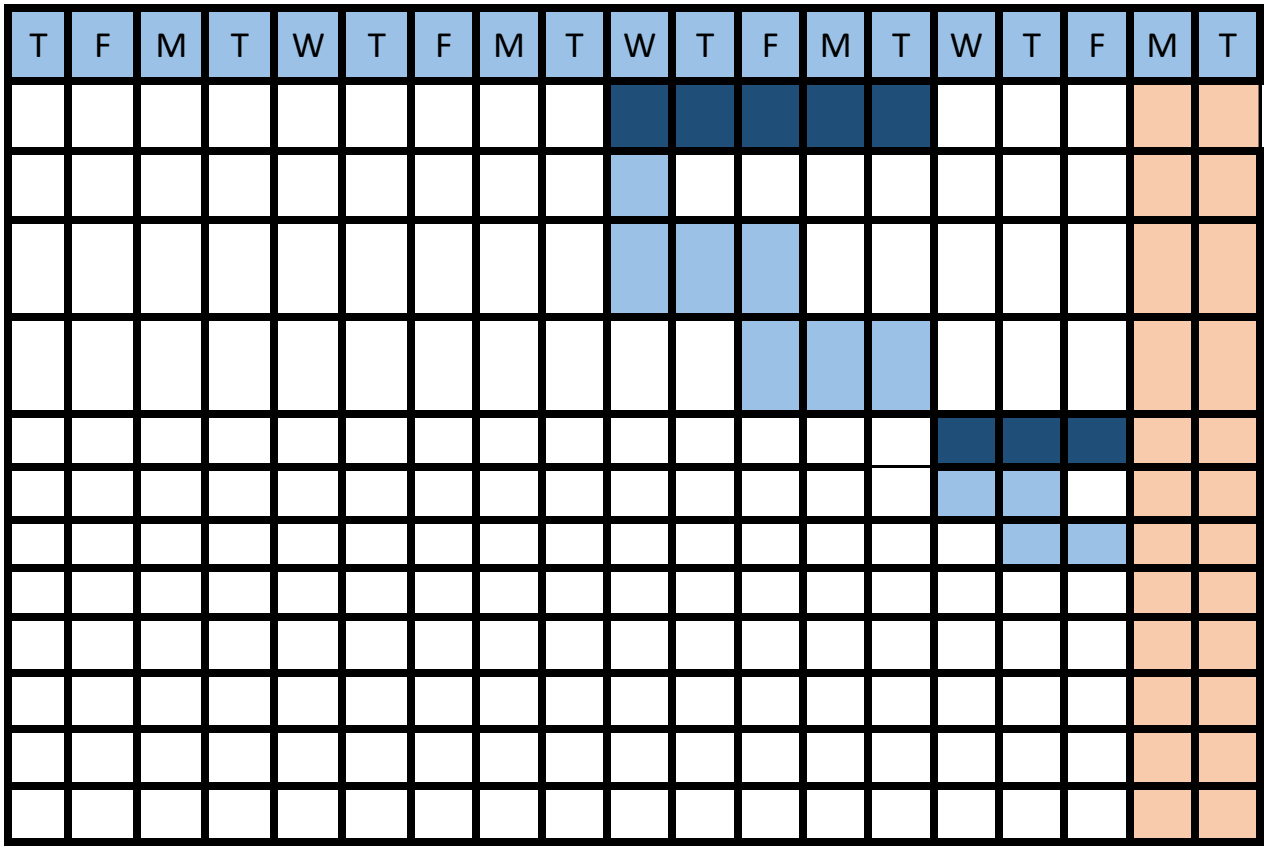
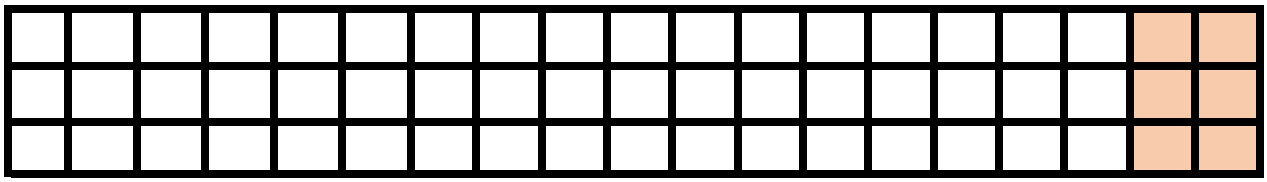
		Week		
Tasks		03/07 - 0		
Movement		M	T	W
Getting familiar with the project and with the lab				
Prepare the setup				
	Select a spot			
	Gather the tools and the linear stages			
	Assemble the stages			
	Wire the stepper motors			
Movement programing				
	Get familiar with the arduino library controlling the motors			
	Code the linear movement of each motor			
	Control the 3 motors together to reach an arbitrary goal (x, y, z)			
	Drag back function			
	First tests			
	Transfer the setup to its end location			
	Identify critical cases			
	Trouble shooting			
Closed-loop system		M	T	W
Bibliography reading				
	Properly state the constraints of the problem			
	Identify the most suitable algorithm to detect the balls and distinguish them from the flies (computer vision)			
	Identify the most suitable algorithm to set the correct goal to the stepper motors			
Set the feedback loop				
	Collect images from the camera			
	Implement the chosen computer vision algorithm			
	Implement the goal setting algorithm			
	Transfer the goal to the stepper motors			
	Tests			
	Correcting the algorithms according to the results			
Final testing and results analysis				

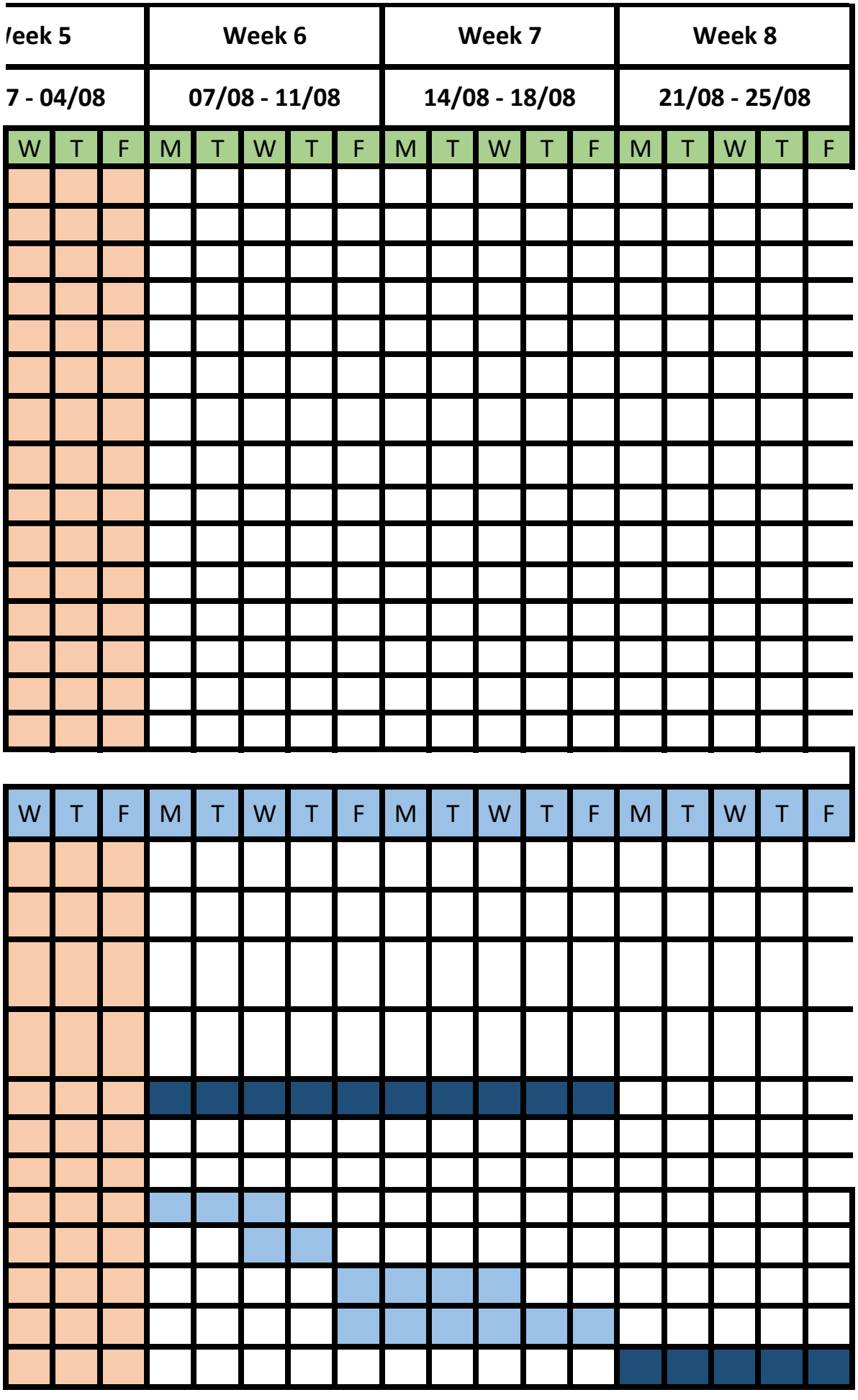
	Testing the final setup and code			
	Final troubleshooting			
	Report writing and enjoying last days in the lab			

: 1	Week 2	Week 3	Week 4	W
)7/07	10/07 - 14/07	17/07 - 21/07	24/07 - 28/07	31/0





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Week 6
Week 7
Week 8
7 - 04/08
07/08 - 11/08
14/08 - 18/08
21/08 - 25/08
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