

NOIEMBRIE 2025																																					
UTCN			04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30								
General Tasks			Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun								
Week 6			More Research + Dataset + Setup Environment															Dataset + Training + Mapping and Waypoints																			
Roby			More research on image detection					Datasets + Models Preparation					Environment Setup					Preprocess Dataset					Train classifier (ResNet, Others)					Evaluate accuracy, confusion matrix					Reevaluate, Retrain				
Alex			More research on movement					Testing the robot + ROS environment															Build simulation environment					Implement basic SLAM					Test waypoint navigation				
DLs			DL Research					Soft DL Environments + Testing					Hard DL Environments + Testing															Soft DL Metrics + Movement					Hard DL Metrics + Movement				
DECEMBRIE 2025																																					
UTCN			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
General			Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed				
Week 10			Week 11															Week 12															V	V			
Roby			Vision Node + Basic Autonomous Navigation										Live Testing + Improvements																								
Alex			Optimizing the model + Converting it into a ROS Node					Script to analyze the images live										Live Testing					Real Light problems - Improve accuracy														
DLs			Implement autonomous patrolling					Integrate object avoidance					Navigation + Camera Data Topics					Live Testing					Test robot stability and path performance (indoors mapping)										Hard DL Testing and Simulating Real Conditions				
IANUARIE 2026																																					
UTCN			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed					
General			V					V					Week 13																								
Roby			Final Testing/Tuning and Documentation																																		
Alex			Final Testing for Image Processing					Documentation																													
DLs			Final Testing for Movement					Soft DL Project					Hard DL Project																								