Objective	Assigned To	Start Date	End Date	Hours Dedicated
1.1 Decoding and Exporting				
Decoding ASTERIX CAT048 messages	Paula Marina Joel Mireia	22/09	10/10	30
Exporting decoded data to CSV format	Paula Marina Joel Mireia	1/10	10/10	10
Adding WGS84 coordinates (latitude, longitude, altitude) for all targets	Joel Mireia	7/10	12/10	7
Correction of altitude based on QNH for heights below 6000 feet	Joel Mireia	7/10	14/11	7
1.2 Data Filtering				
Filter for removing "pure blanks" and fixed transponders	Joel Mireia	15/10	17/10	10
Altitude filter to remove flights above 6000 feet	Joel Mireia	17/10	17/10	3
Geographic filter (restrict data to specific lat/long ranges)	Joel Mireia	17/10	18/10	5
Filter to remove "on ground" flights	Joel Mireia	18/10	18/10	3
Combination of filters	Joel Mireia	17/10	19/10	7
1.3 Simulation				
Simulation of positions every 1 second	Joel Mireia	20/10	27/10	30
Adjustable speed	Joel Mireia	27/10	27/10	2
Flight information	Joel Mireia	28/10	28/10	1
Extra functionality: Introduction of two target identifications to track and calculate distance	Joel Mireia	31/10	5/10	20
1.4 Additional				
Maximizable Forms	Joel Mireia	4/10	11/10	15
Developing an efficient software system	Paula Marina Joel Mireia	-	-	-
Software decoding flow	Joel	16/11	16/11	3
User manual	Mireia	14/11	15/11	2
SW Executable	Joel Mireia	16/11	18/11	8