PECI Calendar

PECI 2021/2022 – Grupo 3	October		November				December					January				February					Ma	irch		April					May						June	
	18-24	25-31	01-07	08-14	15-21	22-28	29-05	06-12	13-19	20-26	27-31	3-9	10-16	17-23	24-31	1-6	7-13	14-20	21-28	1-6	7-13	14-20	21-31	1-6	7-13	14-20	21-27	28-30	1-6	7-13	14-20	21-27	28-31	1-6	7-13	14-17
0 Milestones																																				
0.1 M1: presentation of the lifecycle objectives and work plan																																			لــــــا	1
0.2 M2: requirements elicitation & system architecture.																																				
0.3 M3: prototype; mid-term presentation with supervisors; peer evaluation																																				
0.4 M4: project presentation; all functionality has been developed!																																				
0.5 Final Presentation																																				1
0.6 Students@DETI																																				1
1 General																																				
1.1 Choosing and better understandment of the project																																				i -
1.2 Creation of teams and division of tasks																																			\Box	i —
2 Communication																																				·
2.1 Exploring implementation of Lora as gateway																																			\Box	ī —
2.2 Initial implementation of Lora as a gateway																																				
2.3 Integration of Lora as a gateway on the drone																																				
2.4 Exploring implementation of LoRa as a SOS module																																				
2.5 Initial implementation of LoRa as a SOS module																																			\Box	
2.6 Integration of LoRa as a SOS module on the drone																																				i T
2.7 Exploring implementation of Wave 802.11p drone2drone																																			\Box	
2.8 Initial implementation of Wave 802.11p drone2drone																																				
2.9 Integration of Wave 802.11p drone2drone on the drone																																				
2.10 Create mechanisms to accept changes on the live mission																																			\Box	
2.11 Create mechanisms to adapt the data transfer by the quality of signal																																				
2.12 Testing																																				
2.13 Documentation																																				
2.14 Polishing																																				
3 Dashboard																																				
3.1 Installation and familiarization with the existing dashboard																																			\Box	
3.2 Improvement of already existing features																																				<u> </u>
3.3 Get and display as much relevant data to the user as possible from API																																				
3.4 Implement the possibility to further modify the missions already running																																				$\overline{}$
3.5 Allow creating missions without needing to have programming skills																																				i T
3.6 Testing																																		\neg	-	$\overline{}$
3.7 Documentation																																				
3.8 Polishing																																			\Box	
4 Data Persistence																																				
4.1 Choosing the best type of database																																		$\neg \neg$		
4.2 Choosing the best software to implement the database																																			\Box	
4.3 Start implementing the database					1							_														1								\neg		
4.4 Understand the API that already exists																																			$\overline{}$	
4.5 Make changes to the API to connect it to the new database																																				
4.6 Understand which telemetry is worth saving																																		-		
4.7 Testing																																				
4.8 Documentation					1																						1			1	1			-		
4.9 Polishing					1																										1			-	-	
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