

















	Name	Duration	Start
1		☐RFP Phase	11 days?	06/01/25
2		Project Proposal Response	11 days?	06/01/25
3		BOM/Select Compoenets	4.25 days	06/01/25
4		☐Initial Design Phase	28.25 day...	21/01/25
5		Preliminary Design Document	17.25 days?	21/01/25
6		Project Plan	2.25 days	05/02/25
7		Preliminary Design Presentation	3 days?	10/02/25
8		Compnent Order Request	1 day?	28/01/25
9		☐Walking Skeleton implementation	8.75 days?	17/02/25
10		☐HW for Emitter and Receiver modules	8.75 days?	17/02/25
11		Test ordered emitters and receivers	0.75 days?	17/02/25
12		Set up custom emitter board	1.75 days	19/02/25
13		Setup custom reciver board	1.75 days?	19/02/25
14		Assemble & Test new system	3.75 days	24/02/25
15		Min hardware prototype complete	8.75 days	17/02/25
16		☐SW/FW system	8.75 days?	17/02/25
17		Set up Raspberry pi zero 2 W	0.75 days	17/02/25
18		Add fork sensors to systems with pi	1 day	18/02/25
19		Mount Radio Frequency with the current system	2 days	19/02/25
20		Verify communication between MCU's using RF	5 days	21/02/25
21		Min software protoype complete	8.75 days?	17/02/25
22		☐Minimum Skeleton: SW+HW	9.25 days?	03/03/25
23		SW+HW integration	4.25 days?	03/03/25
24		Testing Integrated setup	4.25 days?	10/03/25
25		☐Preliminary Design Update Document	5.25 days?	14/03/25
26		Preliminary Design update	5.25 days?	14/03/25
27		Requirements Traceability Matrix	5.25 days?	14/03/25
28		☐Final Prototype for Emitter and Receiver Module	5.562 day...	21/03/25
29		Emitter singal intensity increment	1.125 days?	21/03/25
30		Filter noise from reciver module	1.125 days?	21/03/25
31		Add bright LED to sweeper module	1.125 days?	21/03/25
32		Portable power setup for system	1.125 days?	25/03/25
33		Testing the integrated complete system	0.562 days?	28/03/25
34		☐Final Demo + Report	5.25 days?	31/03/25
35		Final Report	5.25 days?	31/03/25
36		Fnal Demo/presentation	5.25 days?	31/03/25

