## **Pixel Bots**

SIMPLE GANTT CHART by Vertex42.com

https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

High-level project plan

Project Start: Mon, 7/23/2018

	110	ect Start.																
Version History: V1: 19/8 - Document Created (Namisha) V2: 8/10 - Document updated with actual work completed (Namisha)	- Document Created (Namisha) - Document updated with actual work		1		Jul 23, 2018	Jul 30, 2018	Aug 6, 2018	Aug 13, 2018	Aug 20, 2018	Aug 27, 2018	Sep 3, 2018	Sep 10, 2018	Sep 17, 2018	Sep 24, 2018	Oct 1, 2018	Oct 8, 2018	Oct 15, 2018	Oct 22, 2018
TASK	ASSIGNED TO	PROGRESS	START			S M T W T F S	S M T W T F S S	M T W T F S S		M T W T F S S					M T W T F S S			
1. Documentation/Coursework																		
1.1 Handover	All	100%	7/23/18	7/29/18														
1.2 ConOps and Project Plan	All	100%	7/30/18	8/19/18														
1.3 Initial Requirements Analysis and Functional Breakdown	Namisha, Ethan	100%	8/13/18	9/2/18														
1.4. Post Prototype 1 Requirements + Functional breakdown/design adjustments	Namisha, Ethan	100%	9/10/18	9/16/18														
1.5. Post Prototype 2 Requirements + Functional breakdown/design adjustments	Namisha, Ethan	50%	10/15/18	10/21/18														
1.6 Handover Documentation	All	50%	10/15/18	10/28/18														
1.7 Repository upkeep and misc documentation requirements	All	90%	7/23/18	10/28/18														
2. Software																		
2.1 Pathfinding Algorithm	Daniel	100%	7/30/18	8/28/18														
2.2 User Interface - updates and improvements	Mischa	100%	7/30/18	8/28/18														
2.3 Integration os subsystems and whole system	Software Team	80%	7/23/18	10/28/18														
2.4 Iteration of testing and developing alongside hardware testing	Software Team	75%	8/29/18	10/16/18														
3. Hardware																		
3.1. Develop prototype 1	Hardware team	100%	8/13/18	9/9/18														
3.2. Test prototype	Hardware team	100%	9/10/18	9/16/18														
3.3. Develop Prototype 2	Hardware team	80%	9/17/18	10/14/18														
3.4 Test Prototype 2	Hardware team	0%	10/15/18	10/21/18														
4. Interface (Software and Hardware)	ccum																	
4.1. Communication between UI app and microprocessor	All	100%	8/20/18	9/2/18														
4.2. Two-way communcation between connected devices	All	50%	9/24/18	10/21/18														
4.3 Automate connectivty of app and bots	All	50%	9/24/18	10/21/18														
4.4.Install new Bluetooth V4 Module	All	50%	10/8/18	10/21/18														