342 GANTT CHART

PROJECT TITLE	ECE342 Junior Project: LED "Cube"
PROJECT MANAGER	Team

							342 Design						342 Build / Test							342 Present		
Task Number	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE	WEEK 1	WE	EK 2	WEEK 3	WEEK	C4	WEEK 5	V	VEEK 6	WEEK 7		WEEK 8		WEEK 9	WE	EEK 10
							M T W R	F M T	W R F M	1 T W R	F M T W	R F N	I T W R	F M T	W R F	M T W	R F M	T W R	F M 1	WR	F M T	W R F
1	Project Conception and Initiation																					
1.1	Project Timeline	Team	4/7/21	4/9/21	2	100%																
1.2	Block Diagram	Team	4/7/21	4/9/21	2	100%																
1.3	Weekly Project Report (Week 12)	Team	4/7/21	4/9/21	2	100%																
1.4a	Design Plane to PCB connection points	Nathan	4/13/21	4/16/21	3	100%																
1.4b	Design Arduino to PCB connection points	Carson	4/13/21	4/16/21	3	100%																
1.4c	Create Block Diagram for LED plane	Nathan	4/13/21	4/16/21	3	100%																
1.5a	Design Capacitive Touch sensor to PCB + Power Switch connection points	Graham	4/13/21	4/16/21	3	100%																
1.5b	Design external SD card connection points	Carson	4/13/21	4/16/21	3	100%																
1.5c	Order Parts (based on PCB V1)	Graham + Nathan	4/13/21	4/16/21	3	100%																
1.5d	Weekly Project Report (Week 13)	Team	4/13/21	4/16/21	3	100%																
1.6a	Design Enclosure (Autocad)	Jesse	4/20/21	4/23/21	3	100%																
1.6b	Design PCB (compile all above PCB connection points)	Team effort	4/20/21	4/23/21	3	100%																
1.6c	ORDER PCB + components	Graham + Nathan	4/20/21	4/23/21	3	100%																
1.6d	Weekly Project Report (Week 14)	Team	4/20/21	4/23/21	3	100%																
1.7	Build Individual Block	Team	4/20/21	4/23/21	3	100%					·····											
2	Project Building / Testing																					
2.1a	4 Planes Built and Tested	Graham + Nathan	4/27/21	4/30/21	3	100%																
2.1b	First Block Check-off (Week 15)	Team	4/27/21	4/30/21	3	100%							_									
2.2a	Code Animation GUI	Graham + Jesse + Carso	n 4/27/21	4/30/21	3	100%																
2.2b	Code SD to Arduino displaying	Graham	4/27/21	4/30/21	3	100%																
2.2c	Weekly Project Report (Week 15)	Team	4/27/21	4/30/21	3	100%																
2.3a	1 Planes Built and Tested	Graham + Nathan	5/4/21	5/7/21	3	100%																
2.3b	Assemble components	Graham + Nathan	5/4/21	5/7/21	3	100%																
2.3c	Code Rotation stuff in arduino	Nathan	5/4/21	5/7/21	3	100%																
2.3d	Weekly Project Report (Week 16)	Team	5/4/21	5/7/21	3	100%																
2.3e	Second Block Check-off (Week 17)	Team	5/11/21	5/14/21	3	100%																
2.4a	Debug + Testing Time	Team	5/11/21	5/14/21	3	100%																
2.4b	Weekly Project Report (Week 17)	Team	5/11/21	5/14/21	3	100%																
2.5a	Debug + Testing Time	Team	5/18/21	5/21/21	3	100%																
2.5b	Create Presentation	Team	5/18/21	5/21/21	3	100%																
2.5c	Weekly Project Report (Week 18)	Team	5/18/21	5/21/21	3	100%																
3	Project Presentation and Final Te	sting										-4				si						
3.1	Practice presentation + record demo?	Team	5/25/21	5/28/21	3	100%																
	System Verification (Week 19)	Team	5/25/21	5/28/21	3	100%																