Proposal Ghant Chart	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6 W	Veek 7	Week 8 V	Veek 9 V	Veek 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16								
Idea Planning and Brainstorming																		Plar	nning/Design	Software	Hardware	Testing	Reporting	Presentations
Abstract																			5 11 5			, and g	1 3	
Website Set Up																								
Begin Resaerching Parts																								
Proposal Presentation																								
Create a CAD Model																								
Design Flow Chart/Block Diagram																								
Start Basic CV/Tracking Code																								
				-																				
Design Review Presentation																								
Finalize List of Materials																								
Design Review Report																								
Assemble Rotating Base																								
Begin connecting RPI and Camera for CV																								
Program Motor Drivers																								
Finalize CV Code/Basic Targeting Algorithm																								
Integrate All Subsystems																								
Rotation and Targeting Tests																								
Ball Firing Tests and Tweaks																								
Slack																								
Slack Interim Demo																								
Flesh Out Targeting Algorithm																								
Optimize Motor Controls																								
Begin Drafting Final Report																								
Stress Test Launching																								
Finish Final Report																								
Final Testing/Tweaks																								
Slack																								
Final Demo																								
Design Report Ghant Chart																								
			Fall Break																					
	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11 W	Veek 12	Week 13 V	Veek 14 V	Veek 15	Neek 16													
Design Presentation																								
Design Report																								
Finalize Materials/Order Parts	_	_																						
Assemble Rotating Base																_								
Raspberry Pi Setup												Planning	Software	Hardware	Testing	Reporting	Presentations/Demos							
Motor Setup																								
Motor Setup Integrate All Subsystems																								
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