[Team #2 Project Name: Camera Based Tracking System]

[University of Alberta - ECE492 - Capstone Project]
Team Members Names: Puer Liu, Qiufeng Du, Wenchen Zhang, Jiahui Wang

Project Lead:	Paul Liu
Project Start Date:	1/7/2020 (Tuesday)
Today's Date:	2/29/2020 (Saturday)
Display Week:	1

Reading Week(Week 7)

| Week 1 1/6/20 | Week 2 1/13/20 | Week 3 1/20/20 | Week 4 1/27/20 | Week 5 2/3/20 | Week 6 2/10/20 | Week 7 2/17/20 | Week 8 2/24/20 | Week 9 3/2/20 | Week 10 3/9/20 | Week 11 3/16/20 | Week 12 3/23/20 | Week 13 3/30/20 | Week 14 4/6/20 |

WBS	Task	Lead	Start	End	Cal Days	%Done	WorkDays	DaysDone	DaysLeft
1	[Milestones]	[Team]	Tue 1/07/20	Fri 4/10/20	95	57%	69	54	41
1.1	Project Proposal	[Team]	Tue 1/07/20	Mon 1/20/20	13	100%	10	13	0
1.2	Project Specifications	[Team]	Tue 1/21/20	Mon 2/03/20	13	100%	10	13	0
1.3	Circuit Design Review Presentation	[Team]	Tue 1/21/20	Tue 2/04/20	14	100%	11	14	0
1.4	Progress Report	[Team]	Wed 2/05/20	Mon 3/02/20	26	100%	19	26	0
1.5	Final Presentation	[Team]	Tue 3/03/20	Wed 4/08/20	36	0%	27	0	36
1.6	Final Report	[Team]	Tue 3/03/20	Fri 4/10/20	38	0%	29	0	38
1.7	Application Notes	[Team]	Tue 3/03/20	Fri 4/10/20	38	0%	29	0	38
2	[System-Level Design]	[Name]	Mon 2/03/20	Sun 2/09/20	7	100%	5	7	0
2.1	Hardware pin definition and initiation	[Jiahui Wang]	Mon 2/03/20	Sun 2/09/20	7	100%	5	7	0
2.2	Wiring design	[Qiufeng Du]	Mon 2/03/20	Wed 2/05/20	3	100%	3	3	0
3	[Detailed Design]	[Name]	Mon 2/10/20	Sun 3/01/20	21	90%	15	18	3
3.1	software implementation	[Puer Liu]	Mon 2/10/20	Sun 2/16/20	7	90%	5	6	1
3.2	control implementation	[Jiahui Wang]	Mon 2/17/20	Sun 2/23/20	7	80%	5	5	2
3.3	HTML webpage implementation	[Wenchen Zhang]	Mon 2/24/20	Sun 3/01/20	7	90%	5	6	1
4	[Testing and Refinement]	[Team]	Mon 3/02/20	Sun 3/15/20	14	0%	10	0	14
4.1	test cruise mode	[Team]	Mon 3/02/20	Thu 3/05/20	4	0%	4	0	4
4.2	test manual mode	[Team]	Fri 3/06/20	Tue 3/10/20	5	0%	3	0	5
4.3	test static mode	[Team]	Wed 3/11/20	Sun 3/15/20	5	0%	3	0	5
5	[Production]	[Team]	Mon 3/16/20	Sun 3/22/20	7	0%	5	0	7
5.1	assemble all parts together	[Team]	Mon 3/16/20	Tue 3/17/20	2	0%	2	0	2
5.2	build a case for entire system	[Team]	Wed 3/18/20	Sun 3/22/20	5	0%	3	0	5

Meeting Minutes

Date	Team members present	Discussions
2020/2/10	Puer Liu, Qiufeng Du, Wenchen Zhang, Jiahui Wang	base on the performance and speed, we select KCF as our tracking method and set boundary box limitation to achieve sufficent FPS, we find the servo motor is not suitable for this project and we purchase another 2 motors, Ask Qiufeng doing 3D modeling and printing
2020/2/24	Puer Liu, Qiufeng Du, Wenchen Zhang, Jiahui Wang	we discuss the package we should use for high speed webpage communication, check servo motor and fans and plan to print the gimbal and test