"Harry" the Tire Stacking Machine

Purple: expected

Team 27 Yewon Lee, Bipasha Goyal, and Yuqian Zhou

Gray: actual 1/20/2019 1 Display Week:

week 5 week 6 week 7 week 8 week 9 week 10 week 11 week 12 week 13 Jan 21, 2019 Jan 28, 2019 Feb 4, 2019 Feb 11, 2019 Feb 18, 2019 Feb 25, 2019 Mar 4, 2019 Mar 11, 2019 Mar 18, 2019 Mar 25, 2019 Apr 1, 2019 Apr 8, 2019 Apr 10, 2019

			isplay Week:			21	22 23 24 2	26 27 28	29 30 31 :	1 2 3 4	5 6 7 8	8 9 10 11	1 12 13 14	15 16 17 18	19 20 21	22 23 24	25 26 27	28 1 2 3	4 5 6	7 8 9	10 11 12	13 14 15	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30 31	1 2 3	4 5 6 7	8 9 10 1	1 12 13 14	15 16 17	18 19 20 21
	TASK	ASSIGNED TO	PROGRESS	START	END	Duration 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	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	M T W	T F S S	M T W 1	FSS	M T W	T F S S
	Electromech																																
*****	Brainstome alternative solutions	All members		1/20/19	1/22/19	2																											
	Brainstome alternative solutions	All members	100%	1/20/19	1/22/19	2																											
#####	Prototype alternative solutions	Yewon		1/20/19	1/26/19	6																											
	Prototype alternative solutions	Yewon	100%	1/20/19	1/26/19	6													П	Ш						$\Box$							
#####	Test prototypes and converge to fina	All members		1/26/19	1/28/19	2	$\Box$																										
	Test prototypes and converge to fina	All members	100%	1/26/19	1/28/19	2																											
*****	Specify design specification	Yewon		1/28/19	1/30/19	2																		Ш		Ш							
	Specify design specification	Yewon	100%	1/28/19	1/30/19	2																				Ш							
#####	Complete detailed geometry, kinema	Yewon		1/28/19	1/30/19	2																				Ш							
	Complete detailed geometry, kinema	Yewon	100%	1/28/19	1/30/19	2																											
*****	Determine actuators and gears	Yewon, Bipasha		1/26/19	1/29/19	3									Ш				Ш							Ш							
	Determine actuators and gears	Yewon, Bipasha	100%	1/26/19	1/29/19	3																											
*****	Determine wheels too accompany m	Yewon		1/29/19	1/31/19	2													Ш	Ш						Ш				$\parallel \parallel$			
	Determine wheels too accompany m	Yewon	100%	1/29/19	1/31/19	2													Ш							Ш							
#####	Acquire materials (wood, wheels, act	All members		1/27/19	1/29/19	2																											
	Acquire materials (wood, wheels, act	All members	100%	1/27/19	1/29/19	2																											
#####	Measure out parts to cut in order to	Yewon		1/30/19	2/1/19	2													$\Box$							$\Box$							
	Measure out parts to cut in order to	Yewon	100%	1/30/19	2/1/19	2																				$\Box$							
#####	Complete the major cuts	Yewon		2/1/19	2/1/19					Milestron	ne: complet	e major cu	utting of th	e frame																			
	Complete the major cuts	Yewon	100%	2/1/19	2/1/19					Milestron	ne: complet	e major cu	utting of the	e frame																			
*****	Assemble the main components of th	Yewon		2/1/19	2/4/19	3													$\Box$							$\Box$							
	Assemble the main components of th	Yewon	100%	2/1/19	2/4/19	3																				$\Box$							
#####	Mount wheel and actuators	Yewon		2/4/19	2/5/19	1													$\Box$							$\Box$							
	Mount wheel and actuators	Yewon	100%	2/4/19	2/5/19	1							Ш						$\Box$							$\Box$							
*****	Acquire and mount caster wheels	Yewon		2/4/19	2/5/19	1																											
	Acquire and mount caster wheels	Yewon	100%	2/4/19	2/16/19	12																											
*****	Build mobile platform	Yewon		2/5/19	2/5/19						Milesto	ne: Mobile	e platform	building																			
	Build mobile platform	Yewon	100%	2/16/19	2/16/19									Miles	tone: Mo	bile platfo	rm building	g															
#####	Build tubes, tire advancer for tire dep	Yewon		2/5/19	2/15/19	10													Ш	Ш						Ш				$\parallel \parallel$			
	Build tubes, tire advancer for tire dep	Yewon	100%	2/5/19	2/19/19	14													Ш	Ш						Ш				$\parallel \parallel$			
#####	Test functionality of extension mecha	All members		2/15/19	2/19/19	4													Ш							Ш							
	Test functionality of extension mecha	All members	100%	2/16/19	2/17/19	1													Ш			П				Ш				$\parallel \parallel$			
*****	Calculate maximum extension, cut le	Yewon		2/15/19	2/20/19	5													П	Ш						Ш							
	Calculate maximum extension, cut le	Yewon	100%	2/19/19	2/24/19	5													Ш	Ш						Ш				$\parallel \parallel$			
*****	Build holders for stepper motors and	Yewon		2/15/19	2/19/19	4													Ш							Ш							
	Build holders for stepper motors and	Yewon	100%	2/19/19	2/23/19	4																				Ш							
#####	Test the hook geometry, strengthen :	Yewon		2/19/19	3/1/19	10													$\forall \dagger$							$\forall \forall$				$\parallel \parallel$			
	Test the hook geometry, strengthen :	Yewon	100%	2/19/19	2/25/19	6																											
*****	Subsystem frabriction and functional	Yewon		3/1/19	3/1/19													Miles	tone: Elec	ctronmec	n subsyste	m buildin	g end			+							
	Subsystem frabriction and functional	Yewon	100%	2/26/19	2/26/19												Mile	estone: Elec								++				+			
	Circuits																									+							
*****	Determine sensors	Bipasha, Yuqian		1/20/19	1/25/19	5																											



