Capstone Project Schedule

Project: Goat Milking Stanchions

Last Updated: 7/1/2019

		Year	2019																														
		Month	June				July					Aug				Sept				Oct					Nov				Dec				
Task Description	**Duration**	**Member**	6/11	6/18	6/25	6/27	7/2	7/9	7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	9/17	9/24	10/1	10/8	10/15	10/22	10/29	11/5	11/12	11/19	11/26	12/3	12/10	12/17	12/24	12/31
Brainstorm Ideas	6/25 to 27	all																															
-Compare Ideas and consider revisions		all																															
-Research Other Products in existence		all																															
-Research Materials for doors and dividers		Luke																															
-Research FDA regulations on materials		John																															
-Meet to discuss different designs		all																															
Create Gannt Chart	6/25 to 7/1	Bryce																															
Continually update gannt chart		Bryce																															
Meet With Dr. Swenson to Learn about Gannt charts	8-Jul	Bryce																															
-Start the Wiki Page		Luke																															
-Add Photos and basic information		Luke																															
-Add documents or links to documents		Luke																															
-Generate an appropriate mission statement for the project		Luke																															
-Keep updating the Wiki Page		Luke																															
Begin Work on Project Portfolio		Luke																															
Learn about Design Validation Plans		all																															
Project Validation Plan -- with the proto		Bryce																															
Learn about Concept Design Review		all																															
Consolodate designs into few designs		all																															
Research any existing components		John																															
-Price out assisted hinges		Bryce																															
-Price out raw materials		John																															
-Spec Requirements for an electric gate lift		Bryce																															
-Price out potential electric motors		Bryce																															
-Design Lever lift system		John																															
Draft Cad Models of Each Design		Bryce, John, Skylar																															
Meet and discuss Pros&Cons of each Design		Skylar																															
Determine features of each that are important and valuable		all																															
Redraft cad models with any changes we decide on		Luke																															
Prepare Renderings		John																															
Determine which model should be recommended to the client		Bryce&Skylar																															
Prepare a slideshow for the Design Review		John																															
Email the Slideshow to Tanya		all																															
Determine when the best time and date for the design review is		Luke																															
DESIGN REVIEW	by 7/25	all																															
Meet and decide where we stand after Design Review		all																															
Make revisions to ultimate design based on client's concerns	4 Weeks																																
Prepare a design plan for the final cad model																																	
Prepare final cad model	2w																																
Build prototype	2w																																
Design Changes	1w																																
Drawing package	1w																																
Review Drawing package with bill	1w																																
DXF FILES TO DALE	1d																																
Dale Build Full Scale	2w																																
Dale Install Full Scale	1w																																
Get Feedback from Randall	2w																																
Design Changes	1w																																
New Final Cad Model	1w																																
Final Drawing package	1w																																
Final DXF Files	1d																																
Send Final Products to dale	1d																																