



THE BEAST



Team Meeting #1

Monday, June 17, 2019

AGENDA

<u>Topic</u>	<u>Item</u>	<u>Resolution</u>
Old Business		
New Business		
Customer Requirements	<ol style="list-style-type: none"> Do we have more questions to add to the customer requirements document? Contact the band director with the customer requirements inquiry. Are there any customers of the project who we have not yet identified or considered? 	<ol style="list-style-type: none"> Willing to ask wheel config, translational (straight, angle) vs rotational movement priority, confirm dual frame wishbone, vs independent suspension. Charging time constraints? Email Byerlein and Swenson list (if needed). Email Odom ASAP. No.
Mentor Meeting Agenda	<ol style="list-style-type: none"> Items essential to ask the mentor and instructor? Items that should be on the mentor meeting agenda such as compile any necessary documentation like budget information, early plans, etc? 	<ol style="list-style-type: none"> For Swenson: What's the new process for ordering? (No new Molly, new system) For Odom: Where are the other wheels? Bring prototypes.
Organization	<ol style="list-style-type: none"> Development of Gant chart/early timeline plan. 	<ol style="list-style-type: none"> Look at additional deliverables and first snapshot. Nick will start rough chart .
Testing/ Validation	<ol style="list-style-type: none"> Need to start compiling old Arduino components such as DC motors, H-Bridges, etc. for producing a prototype/proof of concept for movement. Learn the fundamentals of charging system circuit design and acquire components for proof of concept. Acquire early chassis dimensions. FBDs and stress analysis under early assumptions to identify hot stress zones in the chassis. 	<ol style="list-style-type: none"> Nick has motor controller. Everybody bring in old motors by Wednesday 06/19/19. Should be simple. Look at later if need be. Max min controls. Assumptions, together, Ask Potirniche about using research edition of abaqus. See item 3.



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