

3S Trailer Suspension

Meeting # 2

Start Date & Time: Thursday. 6/18/2020, 12:05pm

Members Present: Caitlin, Kirk, Robert

End Time: 1:00pm

Last Meeting:

- How can we take this to the next level?
 - Shocks and springs for different weight classes
 - Weld on version for a pre-existing trailer?
 - How can we optimize this and streamline this for production while maintaining the general requirements?
 - Big picture - actively shopping around for a manufacturer
- How can we organize ourselves?
- Things we need to consider:
 - Pick bearings for different weight loads and what do we need for our small prototype
 - Load and lifetime of bearings?
 - Can we build a small house on it?
 - Have a max/min width and length so that it is mounted on certain trailers
 - Plan for 4ftX8ft trailer
 - Fabricate small scale model - 1X2ft - hold in hands - JUST 1 Small model
 - We want an Axle that pivots - spring that does its function - wheels/tires from something

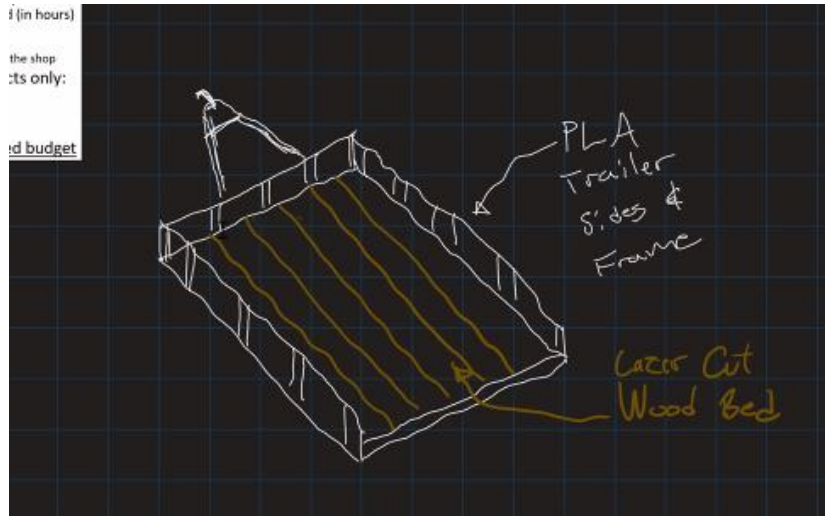
Today's Objectives:

- Complete Team Contract
- Work on Budget
- Work on Schedule
- Plan for Contacting the Client
- Plan for the client interview

Notes:

- We have a budget ranging from 250-500\$
- Client interview for Monday 1-2pm

- Look for Deliverables on mind works site
- Filling out budget
- Filling out team contract
- Need to create an Agenda for client interview



- This picture is a possible way that we may design our 3D printing prototype - Printing a solid base - so that then we can rapidly prototype the stuff on the bottom and connect it
- We are going to meet tomorrow so that our team has time to look over the team contract and then we can turn it in
- We are also going to talk about the budget and turn that in before the weekend.
- We are also going to come up with questions for our client interview on Monday from 1-2pm with Matthew Swenson, George Tanner, and Max Johnson.

For Next Time:

- Finalize and turn in the Team Contract
- Finalize and turn in the Budget
- Questions for the Client meeting

Comments/Concerns/Reflections from Today:

- 1 member's computer crashed – Getting a new one soon
- 1 member could not attend meeting today – This teammate let us know beforehand

Next Meeting Time & Date: **Friday, 6/19/2020 @ 11am**