Preliminary Design Review (100 points)- Due February 23rd and 25th at 2:00PM

Management would like to see how your team is progressing on your design project. This is also a fantastic opportunity to receive feedback from both Management and your peers that will help you while moving forward. As such, **we are planning Preliminary Design Reviews on February 23rd and 25th during our normal class time: 2:30-4:30.** By this presentation, we expect that you will have brainstormed your designs, used Pugh matrices to decide your final design choices, and have modeled your designs in Solidworks.

Logistics:
- Each team will have **10 minutes of content + 10 minutes of Q&A** from the audience.
- Dress code: none, but please coordinate amongst yourselves and remain uniform among your team.
- I will download all presentations from Canvas at 2PM for quick transitions between teams.
    - If you want to present from your computer, be sure your chosen computer has a **USB-C or HDMI port** and you're ready for a quick switch.
- After you have finished presenting, you are requested to stay in the classroom to watch the remaining presentations – you are welcome to ask questions during the Q&A!
    - On the day you do not present, you are free to use that day as you see fit.

Schedule:

February 23rd		February 25th	
Bypass 1	2:30:00 PM	Hip 3	2:30:00 PM
Bypass 2	2:50:00 PM	Hip 4	2:50:00 PM
Break	*3:10:00 PM*	*Break*	*3:10:00 PM*
Hip 1	3:30:00 PM	Hip 5	3:30:00 PM
Hip 2	3:50:00 PM	Hip 6	3:50:00 PM
End	*4:10:00 PM*	*End*	*4:10:00 PM*

Topics for the 10-minute presentation and 10-minute Q&A discussion include:

- User Needs (15% of grade, ~ 2 minutes of presentation)
- Design Inputs (15% of grade, ~2 minutes of presentation)
- Brainstorming, Concept Evaluation (15% of grade, 1-2 minutes of presentation)
- Design Outputs (30% of grade, ~2-3 minutes of presentation)
- Future Steps (15% of grade, ~2-3 minutes of presentation)

Additionally, we will be evaluating your **Presentation and Q&A (10% of grade)**. Your team's presentation slides should be easily read and understood, as well as support your oral narrative. We highly recommend practicing your presentation several times before the day of the presentation and engaging your engineering managers for feedback in advance! *Content that might take 20+ minutes unpracticed can easily become 10 minutes when practiced thoroughly. There is a LOT of content we expect to see in 10 minutes. You may wish to put your cut content into your backup slides for Q&A.*

Please see the Preliminary Design Review Rubric for more detail. Additionally, remember that we listed the Enumerated User Needs in the Design Requirements lecture, if you find your presentation narrative needs/wants them. We look forward to seeing your presentation!