

ME 486C

03/25/2017

GBG-D Team 9

Hardware Review 1

On Friday 03/24/2017, Go Baby Go – D team 9 met with Dr. Oman to discuss the current state of the design. The requirements of this meeting was to bring the actual project to be reviewed by Dr. Oman in the engineering projects building at NAU. Hardware review 2 should provide evidence from the team to show 100% of the project completion progress from a manufacturing perspective. Team GBG-D met with Dr. Oman and discussed the following regarding the project progress:

- Current state of the design.
- Changes made to the design.
- Updated Solidworks design.
- Showing all welded changes in the project.
- Showing the electric wiring connecting.
- Showing the pressure pads stand.
- Showing all the bolts bolted in the project.
- Discussing each team member's current contribution to the project.
- Discussing the current CAD design.
- Explaining the reasons of making some changes in the design.
- Discussing of how to make the project to be well built and work.

As previously stated this was the discussion of the current state of the project progress. The team will finish build the project during this weekend to make sure the project is complete to do the testing. The team is planning to:

- Complete the final Solidworks design.
- Connecting the pressure pads.
- Adding a storage compartment for the batteries.
- Cover all the sharp edges in the design for safety purposes.
- Add a seat belt for the chair.
- Paint the project so it could be more appealing to the user.
- Recording the final weight of the design.
- Study the project using DOE.
- Test the project and record the results.
- Work on the project manual.
- Show each team members contributions to the project manufacturing.