Team 32
Go Baby Go B
Midpoint Presentation

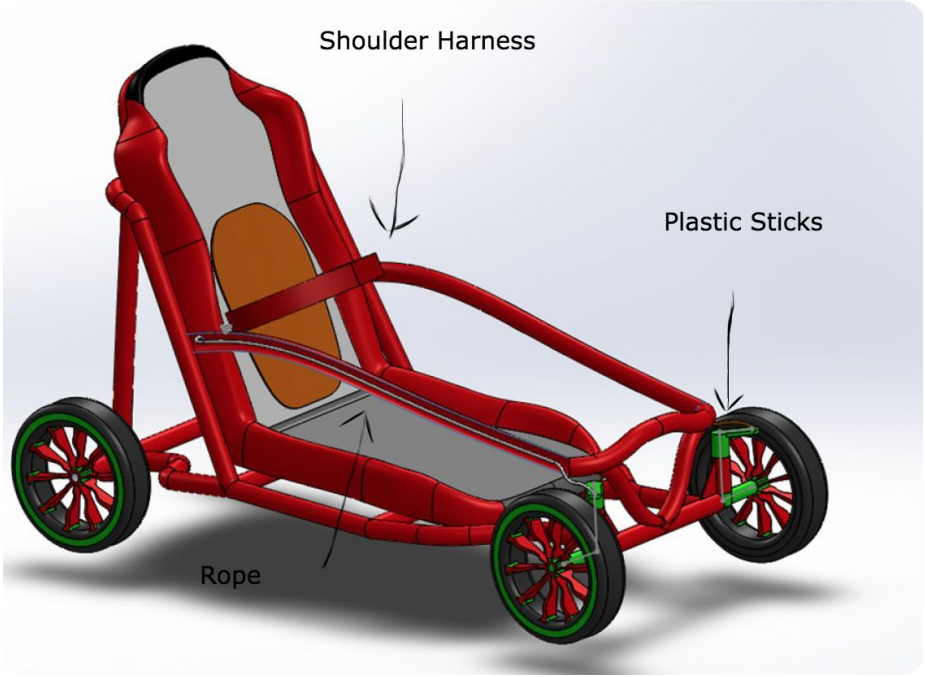
Salman Aldouseri - Client Communicator & Website Developer
Mohammad Alotaibi - Project Manager
Eid Alotaibi - Budget Liaison & Document Manager

Project Description

- The Go Baby Go Universal Control project goal is to design a DIY Ride-On for children with limited mobility in their arms and/or legs.
- The client is Dr. Sarah Oman a lecturer at NAU.

Updates

- What has been accomplished since the progress presentation?
- What are the changes on the final design and why?
- What is left in the manufacturing of the design?
- DOE discussion.

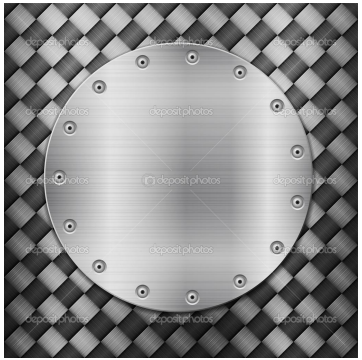


Mohammad Alotaibi

Moving Forward

Plan:
1- Drill three holes in the tire.(Eid)
2- Attach a steel plate to the tire.(Salman)
3- Attach a hook to the plate by welding it.(Mohammad)
4- Attach the rope to the hook.(Eid)
5- Attach the rope to the harness.(Salman)

Contingencies:
Extra 100 on budget under miscellaneous might be added.



Moving Forward

Testing Procedures:

- Force needed for the steering on the design.
- Comfort of the harness.
- Durability of the steering mechanism.

Salman Aldouseri

Gantt Chart

For this term:

Indivdual	
Team	

Due Week of:	1/23	1/30	2/6	2/13	2/20	2/27	3/6	3/13	3/20	3/27	4/3	4/10	4/17	4/24	5/1
Individual Post Mortem															
Progress Presentations															
Hardware Review 1															
Peer Eval 1															
Midpoint Report															
Midpoint Review Presentation															
Hardware Review 2															
Peer Eval 2															
Draft of Poster															
Final Poster															
Final Product Testing Proof															
UGRADS presentations															
Operation/Assembly Manual															
Final Report															
Peer Eval 3															
CAD package															
Testing															

Eid Alotaibi

Budget

Budget			
Materials	Quantity	Cost	Bought
Steel Rods	2	$5.77	$5.77
Bolts & Screws	6	$2.97	$2.97
Steel Plate	2	$16.99	$16.99
Ride-on Car	1	$239.94	$239.94
Shoulder Harness	2	$14.99	$14.99
Rope	1	$13.67	$13.67
Plastic Pipes	2	$5.97	$5.97
Plastic Glue	1	$3.12	$3.12
Scissors	1	$14.97	$14.97
3D Printed Prototype	2	$13.95	$13.95
Prototype (Toy)	1	$12	$12
Testing Materials	4	$100	
miscellaneous		$100	
	Total:	$544.34	$344.34
	Left:	$956	$1,156

References

1. Digital Force Tester Push Pull Gauge FGN-20. (n.d.). Retrieved March 07, 2017, from http://www.acesoldering.com/products/118-118.html

2. Brinks Home Security :: Features. (n.d.). Retrieved March 07, 2017, from http://www.brinksppr.com/home/features

3. "GoBabyGo!" *Haunnah Meyer Memorial Fund*. N.p., n.d. Web. 08 Mar. 2017. <http://www.haunnahmeyer.org/gobabygo.html>.

4. "CUR - The Council on Undergraduate Research." *Undergraduate Research Week Events | Special Offerings | Council on Undergraduate Research*. N.p., n.d. Web. 08 Mar. 2017. <http://www.cur.org/conferences_and_events/special_offerings/urw/2015/events/>.

5. "Drills." *Drills - Power Tools - The Home Depot*. N.p., n.d. Web. 08 Mar. 2017. <http://www.homedepot.com/b/Tools-Power-Tools-Drills/N-5yc1vZc27f>.

6. "316 Stainless Steel." *Atlantic Stainless*. N.p., n.d. Web. 08 Mar. 2017. <https://www.atlanticstainless.com/316-stainless-steel/>.

7. "Carbon Background and Circle Plate." *Depositphotos*. Depositphotos, n.d. Web. 08 Mar. 2017. <http://depositphotos.com/23940695/stock-illustration-carbon-background-and-circle-plate.html>.

Comments and Questions