



# GoBabyGo

Team 22; Alwaleed Alhamra, Asrar Alkhabbaz, Fawaz Almutairi, Sultan Almutairi, Eric Trieu

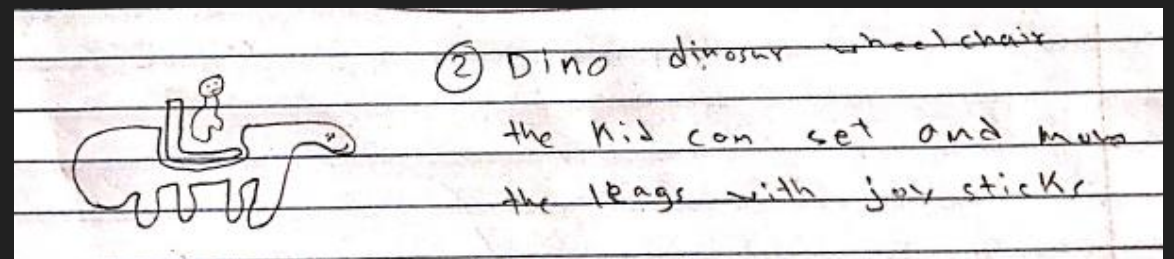
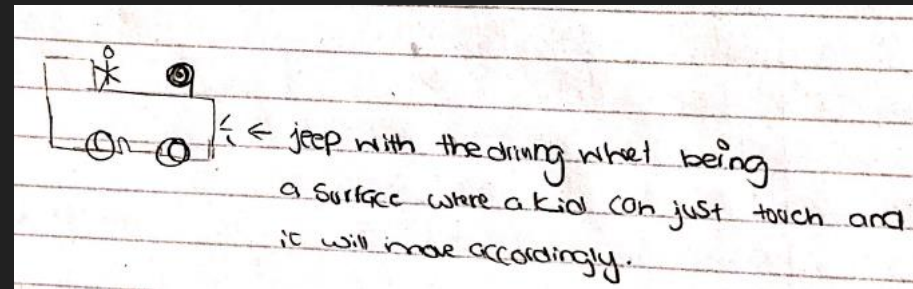
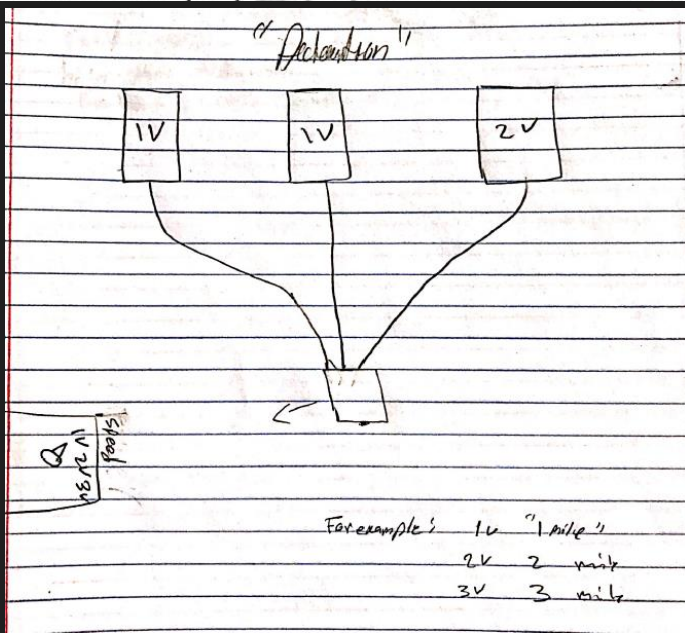
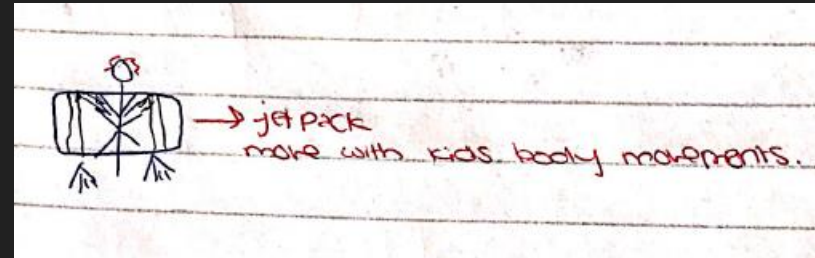
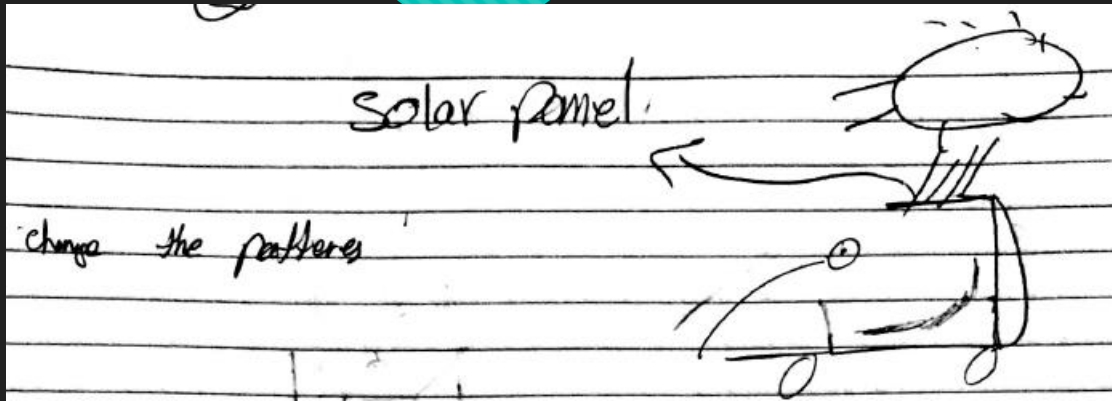
Date: October.25.2016

Client: Dr. Sarah Oman

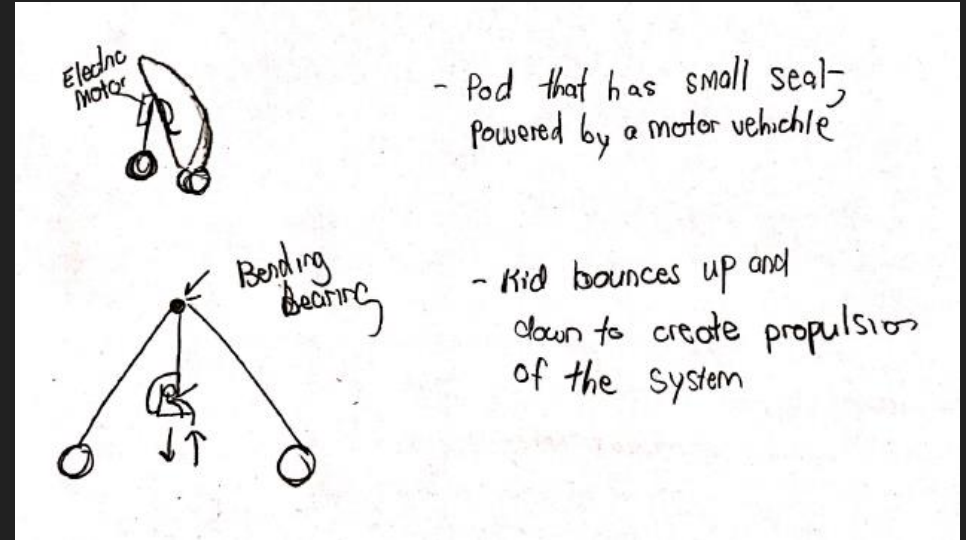
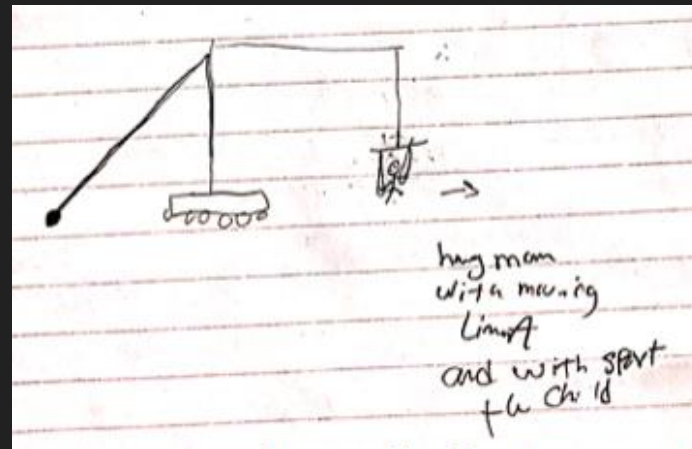
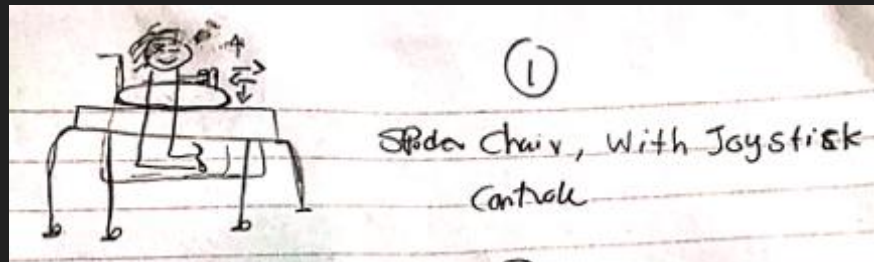
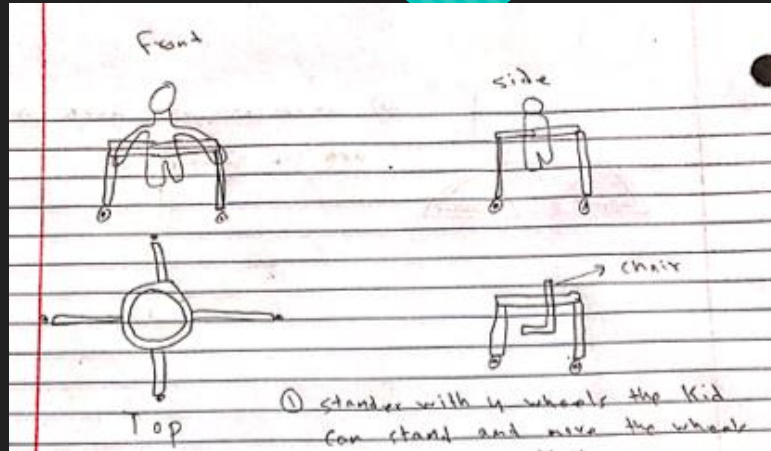
# Project Description

- Go-Baby Go Club
  - Started in University of Delaware
  - Multiple chapters around the US
- Goal: Help children with mobility challenges and enable them to interact with others
- Building and retrofitting a new version of mobility vehicle

# Designs Considered



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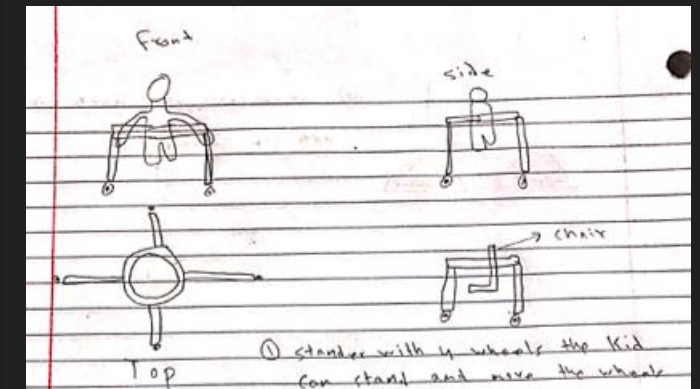
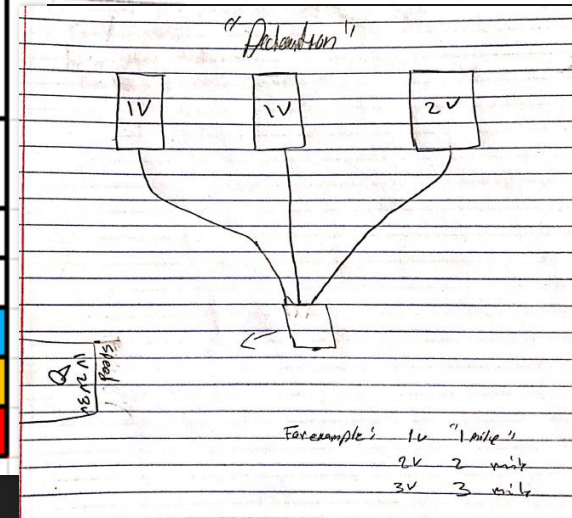
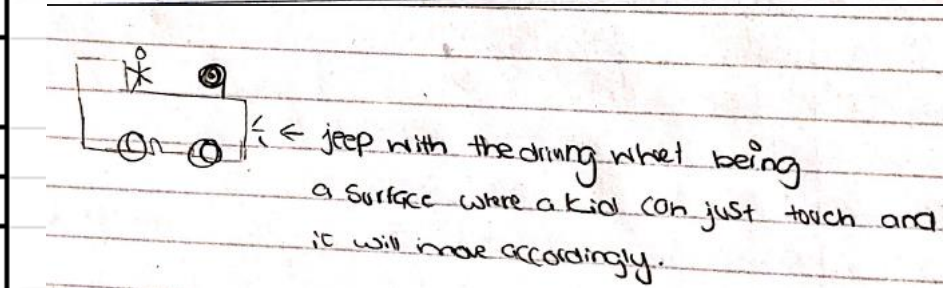
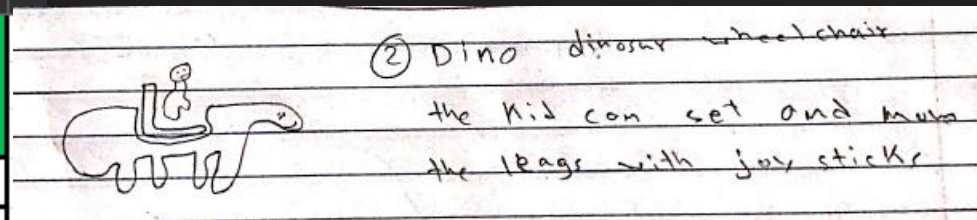


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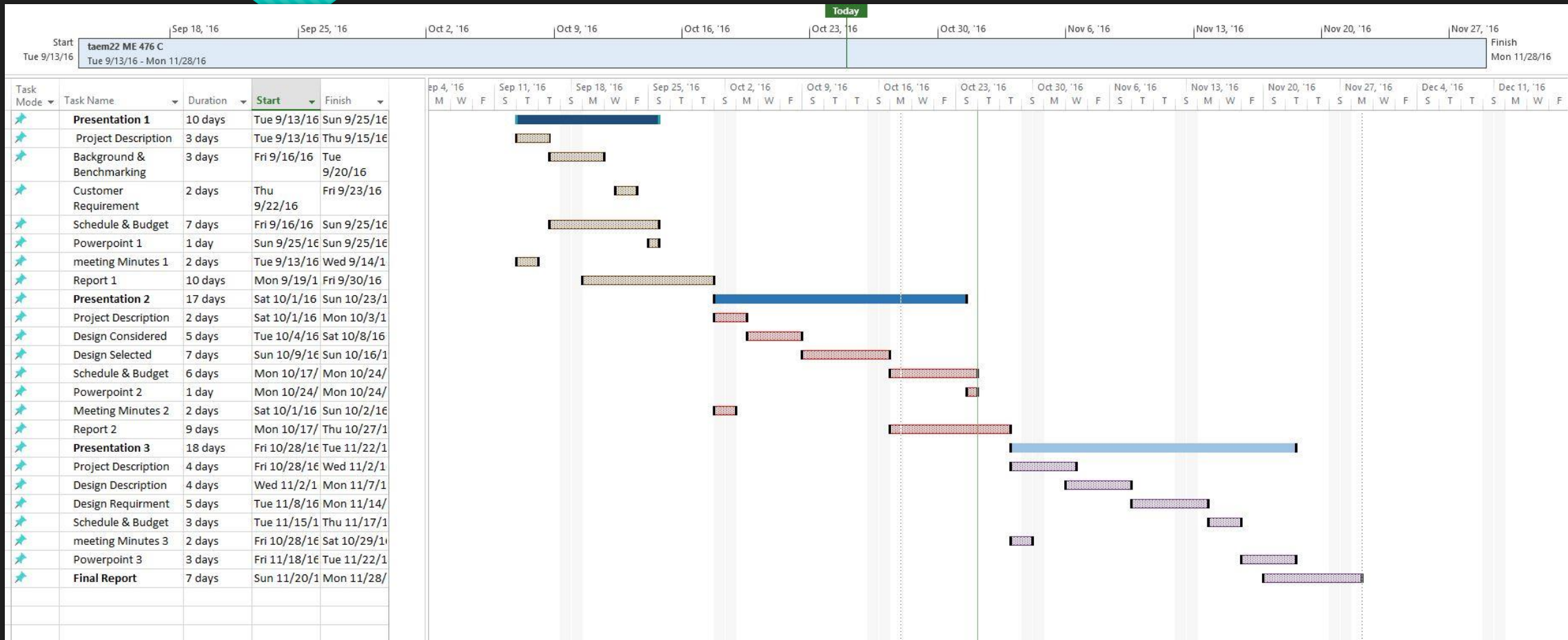
Concept/ Criteria	Solar Panel	Race Car with cross belt	Battery Acceleration	Will Gear	Tricycle	Jetpack	Jeep	Hover Board	Trike	Hover Craft	Pod	Bending Bearing	Spider Chair	Circle Car	SkateBoard	Hangman	Walker	Dino	Flipper	Tank Wheel
#'s	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Low cost	-	-	+	-	+	-	D	+	+	-	-	+	S	-	+	S	+	S	-	-
Ease of Assembly	-	S	-	-	+	-		S	-	-	-	-	-	-	-	-	+	S	-	-
Safety	S	-	+	+	-	-	A	-	S	S	+	-	+	+	-	S	+	S	+	S
Aesthetic	+	+	S	+	S	+		+	+	+	+	+	+	+	+	S	-	+	+	S
Acceleration/ Deceleration Control	+	-	+	S	S	+	T	-	-	+	+	-	-	S	-	-	-	S	S	S
Comfortability	S	+	+	+	-	-		-	S	S	-	-	S	S	-	-	S	S	S	-
Lightweight	-	+	S	-	+	+	U	+	-	-	S	+	S	S	+	+	S	S	S	-
Durable	-	S	S	-	-	-		S	S	S	-	S	S	S	-	+	S	S	S	S
Total +	2	3	4	3	3	3	M	3	2	2	3	3	2	2	3	2	3	1	2	0
Total -	4	3	1	4	3	5		3	3	3	4	4	2	2	5	3	2	0	2	4
Total S	2	2	3	1	2	0		2	3	3	1	1	4	4	0	3	3	7	4	4

# Design Selected

Concept/ Criteria	Jeep	Battery Acceleration	Walker	Dino
#s	7	3	17	18
Low cost	D	+	+	S
Ease of Assembly		-	+	S
Safety	A	+	+	S
Aesthetic		S	-	+
Acceleration/ Deceleration Control	T	+	-	S
Comfortability		+	S	S
Lightweight	U	S	S	S
Durable		S	S	S
Total +	M	4	3	1
Total -		1	2	0
Total S		3	3	7



# Scheduling



# Budget

	Item	Price (\$)	Website
	Barbie Jeep	189.9	<a href="http://www.target.com/p/disney-frozen-4x4-6v-ride-on/-/A-17148443?lnk=rec slp search_bought slp 17148443 1">http://www.target.com/p/disney-frozen-4x4-6v-ride-on/-/A-17148443?lnk=rec slp search_bought slp 17148443 1</a>
	6V battery	35	<a href="http://www.kidswheels.com/parts/battery/product/856104-peg-perego-6v-battery-iakb0509">http://www.kidswheels.com/parts/battery/product/856104-peg-perego-6v-battery-iakb0509</a>
	Stick Shift	24.26	<a href="http://www.kidswheels.com/parts/shifters/product/857018-peg-perego-outlaw-stick-shift-asgi0220grn">http://www.kidswheels.com/parts/shifters/product/857018-peg-perego-outlaw-stick-shift-asgi0220grn</a>
<b>Total</b>		<b>249.16</b>	
<b>Left</b>		<b>1250.84</b>	





Thank You!