



# GoBabyGo

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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

# Project Description (Cont)

Go-Baby-Go in Cleveland:

<https://www.youtube.com/watch?v=5twOYebytX4>

(1 minute clip)

# Background

- Specifically modified vehicles for each kid with special needs
  - Powerwheels Barbie Jeep
  - Powerwheels ATV
- Harness Play Pen



# Benchmarking

- Components (Accessible parts):

- Steering:

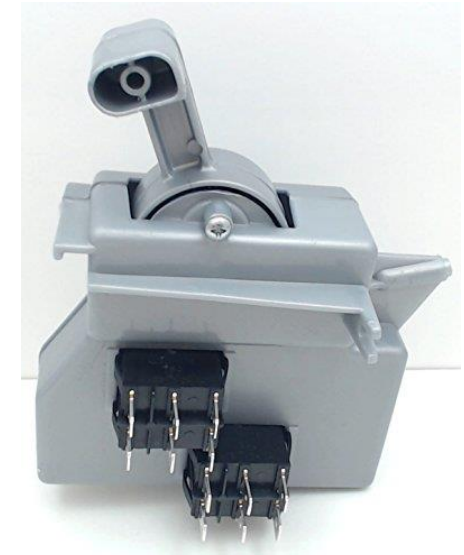
- Joy-stick (powered wheel chairs)
    - Steering wheel

- Accelerator:

- Throttle
    - Modified button to go

- Safety:

- PVC+Foam Noodles
    - Harness Straps from car seats



# Customer Requirements

<b>Customer Requirement</b>
1. Low cost
2. Ease of Assembly
3. Safety
4. Aesthetic
5. Acceleration/Deceleration Control
6. Comfortability
7. Lightweight
8. Durable

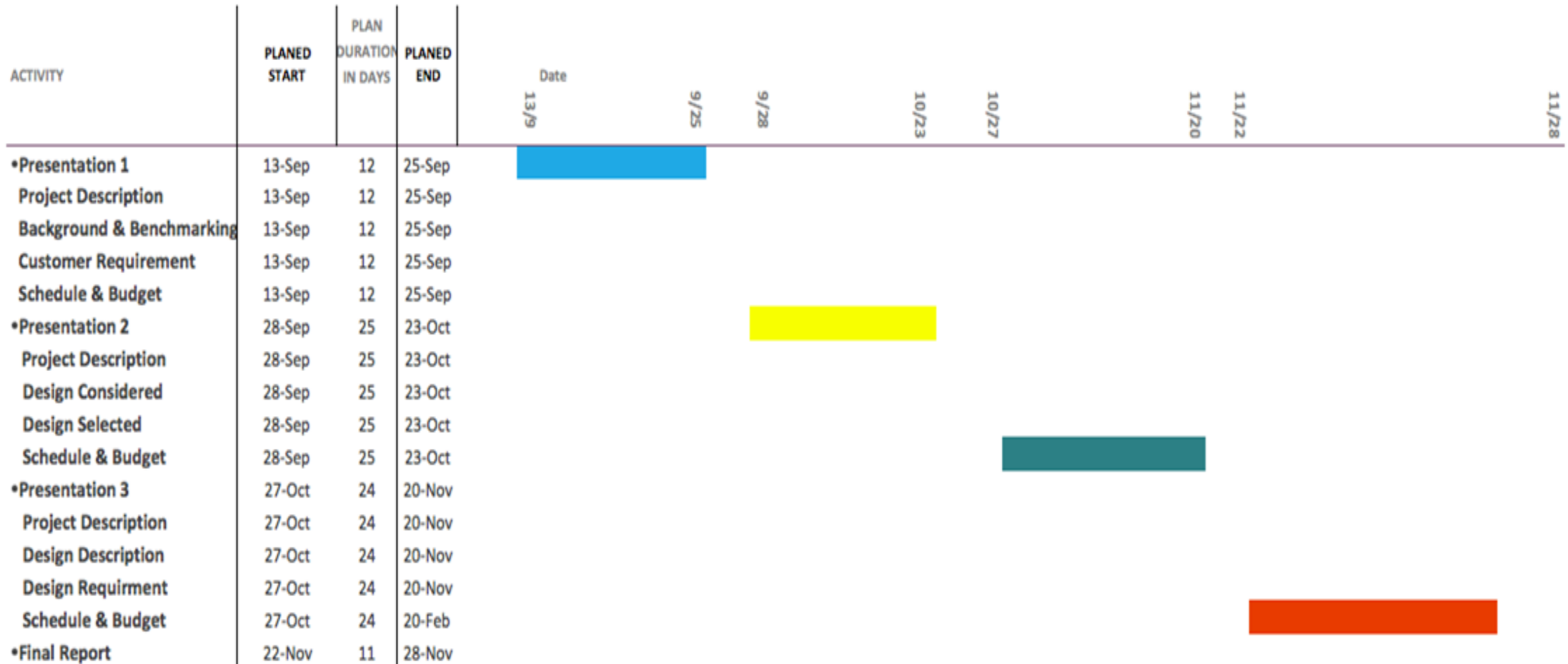
# Weighting

<b>Customer Requirement</b>	<b>Weight</b>
1. Low cost	3
2. Ease of Assembly	3
3. Safety	5
4. Aesthetic	2
5. Acceleration/Deceleration Control	4
6. Comfortability	4
7. Lightweight	2
8. Durable	4

Scale: 1-5 (5 most important)

# Scheduling

## Team 22





# Budget

- Maximum Budget to use is \$1500
- GoBabyGo approximately sold for about \$250



**Thank You!**