

# Go Baby Go: Wild Thing

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# Introduction

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- Client : Dr. Cole Galloway
- EE faculty Mentor: Dr. Kyle Winfree



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# Background

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- When did it start?
- How is it changing?



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# Project description

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- Why does our client need the project?

To help disable children achieve independence and socialization even feel unconstrained by their disability

- What is the purpose of the project ?

To build a gaming system on top of a real world mobile platform. Rather than playing virtual tag.

Also this project is creating a special training technology that will allow children with special need to become wild.

# What is “ Wild Thing “ ?

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- Definition
- Advantages
- Compare



[5]

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# Customer Requirements & Weightings :

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- Low cost → 3
- Safety → 5
- Flexibility → 3
- Entertainment → 3
- Ease of use → 4
- Life Span → 4
- Speed control → 2
- Longer efficiency battery life → 2
- Aesthetics → 4

\* Scale 1 to 5



# Description & Features

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- Armrest
- Joy stick or Steering wheel
- Seat belt
- Laser tag or Shooting tag
- Design



[6]



[7]



[8]

# Budget

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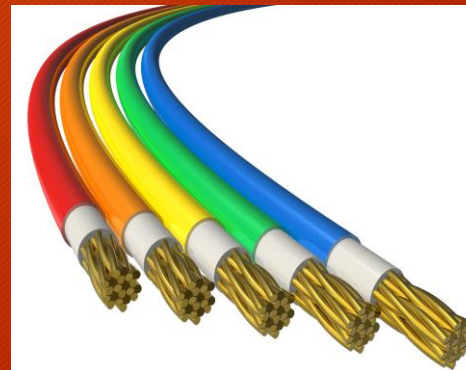
- Device body
- Battery
- Swimming noodle
- Joy stick board
- Wires



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[10]



[11]



# Problem & Constraints

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- How would are device have a longer life span?  
Material (hard plastic or light metal)
- Longer efficiency battery life?  
12V battery and add a substitute
- What kind of disability?  
Goal is to target upper and lower movement disabilities to make a progress in movement skills.
- Control speed outdoor & indoor?  
Our target speed is 4mph indoor and that means around 1.5 to 2mph outdoor.

# Conclusion

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- Next Tasks
  - client meeting
  - final proposal/ design
  - final report
  
- Any questions?

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Any questions?

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