ANTWEIGHT BEYBLADE BOT

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# HIGH LEVEL REQUIREMENTS

1. The battle bot shall not exceed the weight limit of 2 lbs including all electrical and mechanical components
2. The battle bot shall be able to receive commands via WiFi and perform actions with minimal delay
3. The battle bot’s chassis shall only be made of the allowed plastic materials (PET, PETG, ABS, or PLA, PLA+)

# SYSTEM OVERVIEW

## Power Supply

## Drive System

4 wheels → 4 motors → 4 drivers?

## Control System

## Weapon System (Flipper)

## Defense System (Spinning Chassis)

## Electrical System

## Mechanical Chassis

# BLOCK DIAGRAM

# PART LIST

| **PART NAME** | **WHERE** | **LINK** |
| --- | --- | --- |
|  |  |  |

# USEFUL LINKS

Wheel Setup: <https://www.youtube.com/watch?v=VfuA2EqaIso>