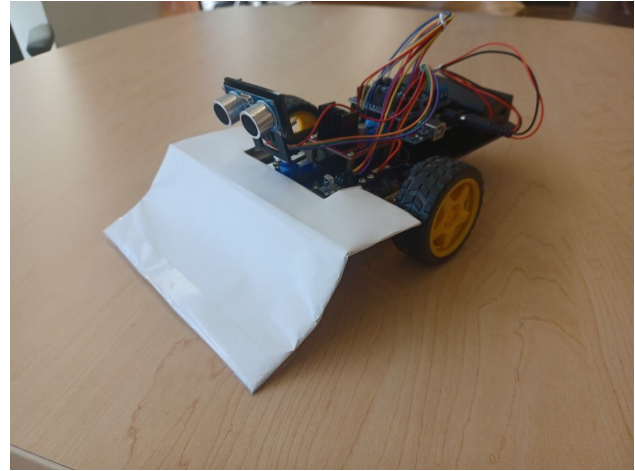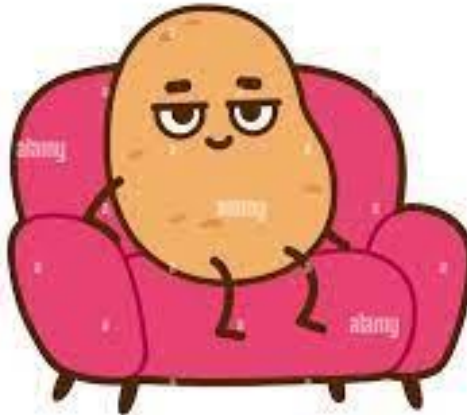# Maximus

The One Bot You Must Have



By: Victor Martinez-Lopez & Matthew Garcillano

# Who Is Maximus?

- Maximus is a robot car created to help with chores people don't want to do
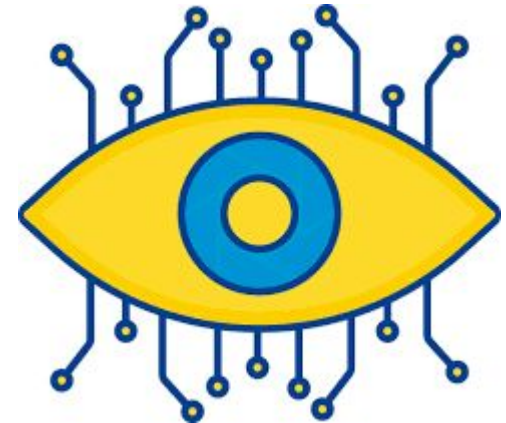
# How was Maximus Created?

- Maximus (first version) was created by 2 friends that are passionate for technology and making the world a better place to live
- Maximus was created using parts salvaged from a robot car kit and powered using an Arduino UNO R3 board
- Maximus was created with the possibilities to be modified to fit the chores the user(s) want it to complete

# What Tasks Can Maximus Complete?

- Currently maximus can assist with sweeping and mopping floors
- Although currently Maximus can only perform basic tasks, Maximus will continue to be developed so that in the future more complex tasks like snow plowing, Lawn mowing and possibly even as an outdoor home security surveillance bot

# How Maximus Operates

- Currently, Maximus can operate in two modes: Manual & Autonomous

# Autonomous vs Manual

- In autonomous mode, Maximum will go on its own path it chooses to go
- In manual mode, Maximus will need to be controlled via the remote controller

Disclaimer: Currently Maximus has limited capabilities in both modes. Maximus is getting smarter. And maximus's controller isn't the best thing in the world. But in the future it will be better

# Team Member Roles

Victor Martinez - Engineer/robot assembler

Matthew Garcillano - Software Programer

# Thank You For Watching