

A Proposal To Make Something Cool

Course: Internet of Things

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Q1. What cool thing are you proposing to make (please explain in detail)?

This Arduino Kit is so cool and I really would like we have more time to make a lot of cool things! Since when we started the course, I can't stop thinking about make a robot. It sounds so cool to me, so I will engage to build this as my project.

As this robot will have movement and avoids obstacles using the Ultrasonic Sensor, it interacts with the user, which can be an adult, kid, or pet.

Q2. What part(s) does it use from the course kit?

I am still thinking about it because there are a lot of devices and projects that could inspire myself but for now I am thinking to use:

- Arduino Controller Board
- Ultrasonic Sensor
- Push Button
- Potentiometer
- LCD Module
- Breadboard
- Servo Motor
- Three-color LED
- Wires
- Resistors
- Battery

Q3. What extra part(s) will you require, if any?

- Motor Driver Module
- Robot Car Chassis
- Gear Motor

Q4. What part(s) will you 3D print?

I will use a robot car chassis that could be 3D print.