Ideas so far

1) Device for farmers that shows different categories of resources, how much they have and if they are running short. This could help farmers communicate with each other, help each other out by filling gaps in resources. It could also reduce wastage.

2) Have a sensor on the other side of the door that can detect if someone is there. For example if a toddler has crawled too close to the door, you could get an alert on your side so you don’t open the door too quickly.

3) A smart bird feeder that can have several IoT functions. Let you know when there is lots of activity near the feeder so you can watch, allow you to monitor and control the amount of bird feed, scare away unwanted pests.

4) A device that detects if you have certain places (restaurants, bars, cafes, parks) near your present location. This will be like an alternative to google maps, except you won’t need to go online and search everytime you’re at a spot. You could carry this device with you and it will glow at varying intensity to indicate the proximity and number of these places around you.

The problem here will be linking Arduino to google maps and then using that data to control the device.