

Motivation



A must have for professionals, students, and in kitchens!

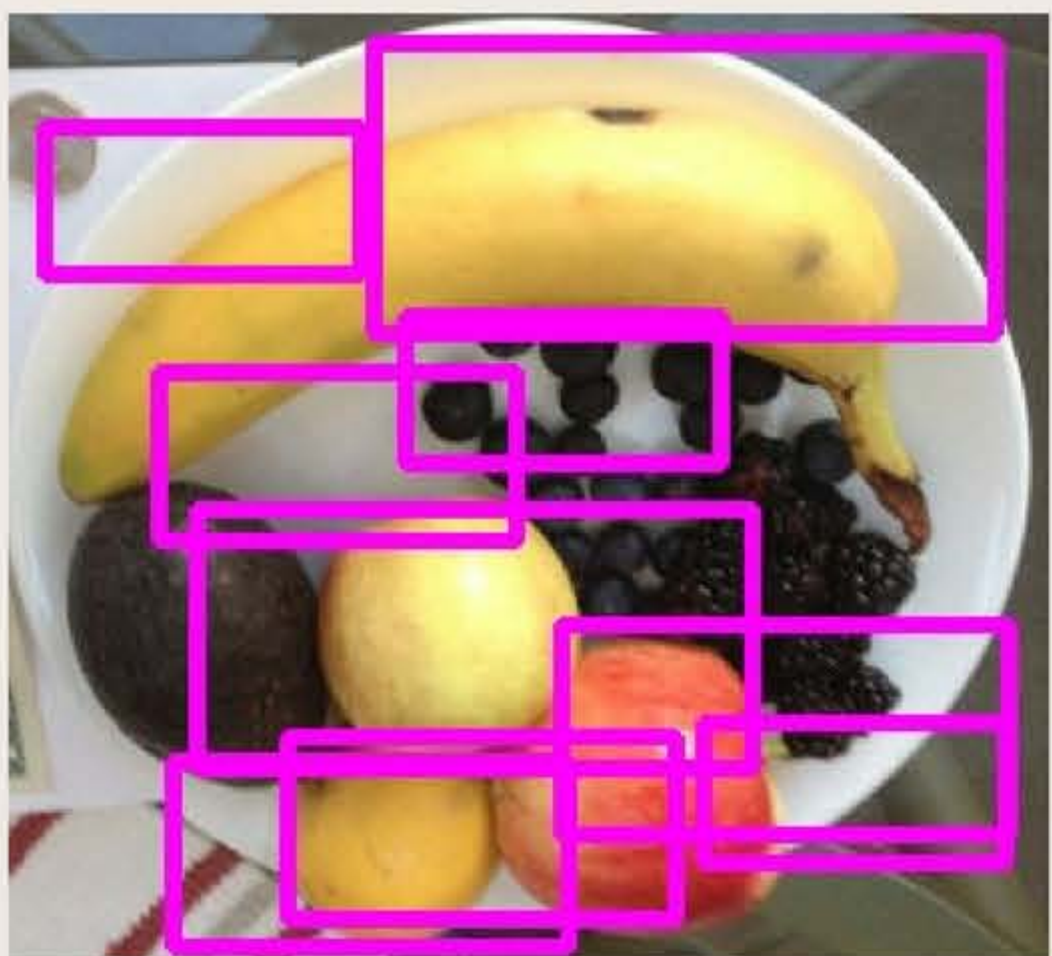
Why choose this?

✗	Forgetting how much of groceries, fruits, veggies are left	✗	Open dozens of containers and check items inside
✓	Easily find weight of item	✓	Check and know realtime
✗	Stay uninformed about the contents when outside	✗	insect infestation and spoilage due to moisture
✓	Get data anywhere with the web-app	✓	Humidity, temperature details at your fingertips

What's Inside?

- DHT11 Humidity Sensor
- DS18B20 Temperature Sensor
- MFRC522 RFID Card Reader
- HX711 ADC and Load Cell
- ESP8266 WiFi Module
- Arduino Duemilanove
- Raspberry Pi 3
- Camera
- Extra electronic supplements

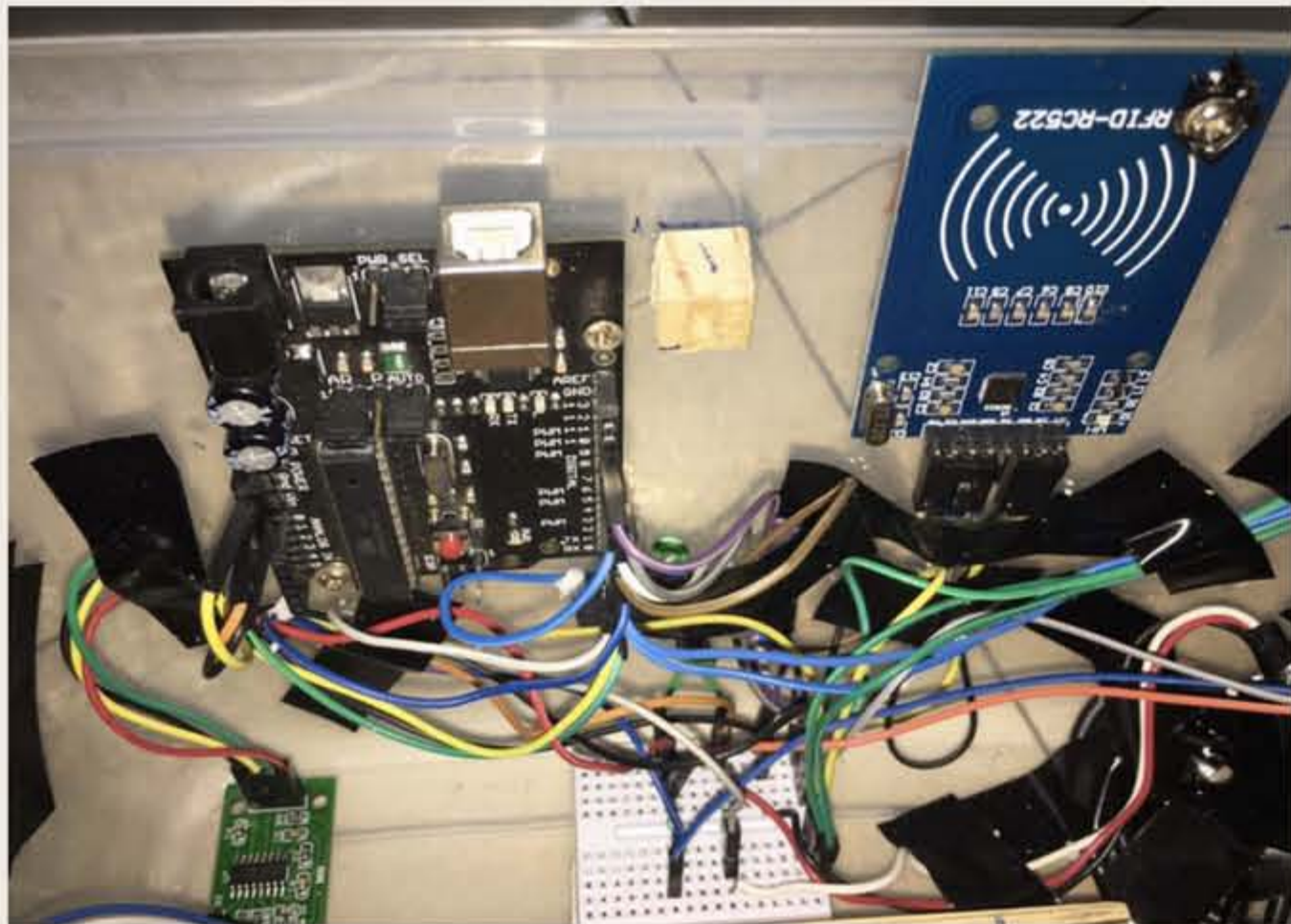
1. Object Detection



2. Web-app information display



3. Sensors and Circuit Design



iDabba



Choosing & Getting Components

16th Jan - 5th Mar

Integrating Sensors

23rd Jan - 12th Mar

Web-app Designed

30th Jan - 12th Mar

Image Detection

16th Jan - 7th Apr

Final Box Designed

7th Apr - 12 Apr

Relaying and Testing

27th Feb - 12th Apr