A TEAM BUMBLEBEE PROJECT FROM THE UNIVERSITY OF KENT

THE CHALLENGE

“…to create an idea that will help solve the plastic crisis that is currently plaguing the world in support of Plastic Oceans UK.”

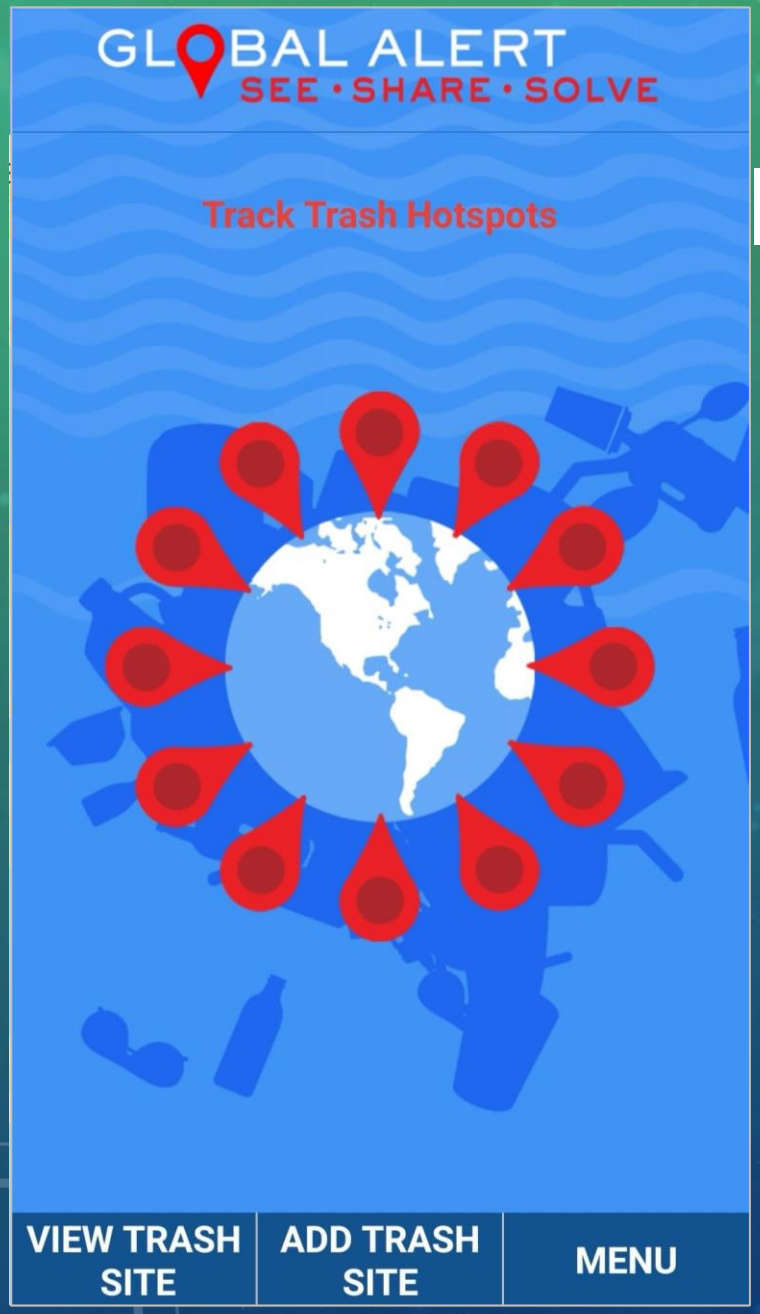
THE PROBLEM

Symptoms

- Polluted oceans
- Killing marine life
- Growing landfills

Root Causes

- Convenience
- Lack of awareness
- Lack of data


GLOBAL ALERT
SEE • SHARE • SOLVE
Track Trash Hotspots
VIEW TRASH SITE
ADD TRASH SITE
MENU

IA

SHOWER TO THE PEOPLE
NAKED SHOWER OILS
LOVE
FRESH

DUMB WAYS to KILL OCEANS
PLAY
TO SAVE THE OCEANS
I DON'T CARE ABOUT THE OCEANS!
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THE PROBLEM

Symptoms

- Polluted oceans
- Dying marine life
- Growing landfills

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OUR SOLUTION

Symptoms

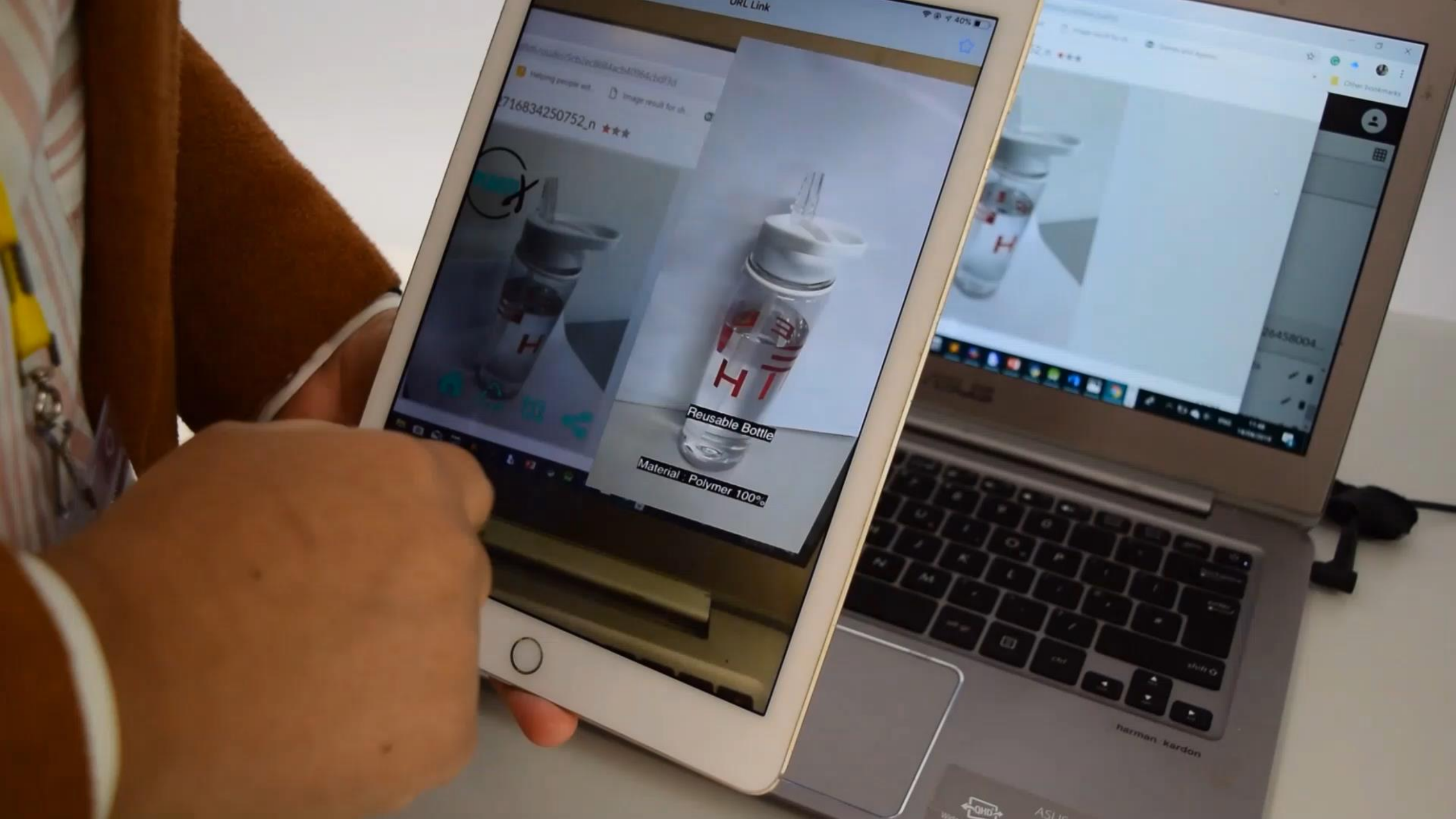
- Reporting hotspots
- “Booking” hotspots

Rewards

Root Causes

- Real-time object identification
- Personal record → self-awareness
- Data aggregation

PLASTI


URL Link
Reusable Bottle
Material : Polymer 100%

CODE PATTERN

Create a real-time object detection app using Watson Machine Learning

Train your own custom model without substantive computing power and time

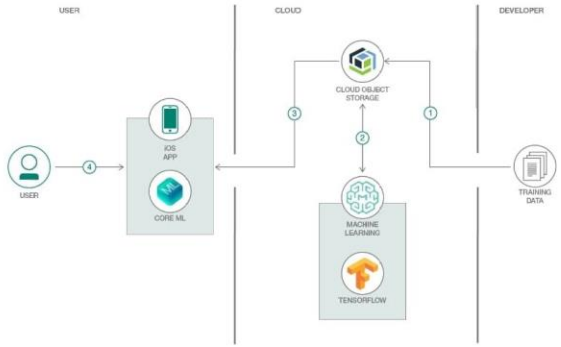
Get the iOS code

Get the React code

Do the workshop

by Nick Bourdakos | Published April 9, 2019

Example Image



1. Upload the training data to IBM Cloud Object Storage.
2. Watson Machine Learning pulls the training data from IBM Cloud Object Storage and trains a model with TensorFlow. The trained model is saved back to IBM Cloud Object Storage.
3. The trained models are added to the iOS app as a Core ML model.
4. The user interacts with the apps that can detect objects in real time.

THANK YOU!