

Unpacking the Internet of Things

(Microcourse #1)

Capstone Project

Jillian Cautrell

Starring:
Fluffy, the Run-Away Cat



Miss Johnson's
cat, Fluffy, got
outside
accidentally

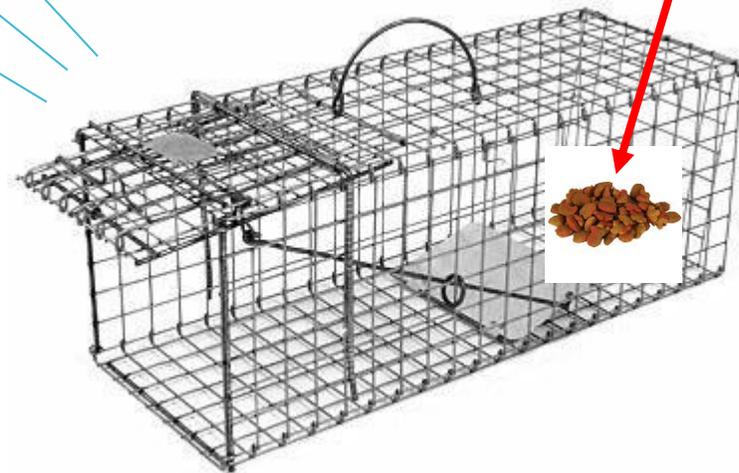
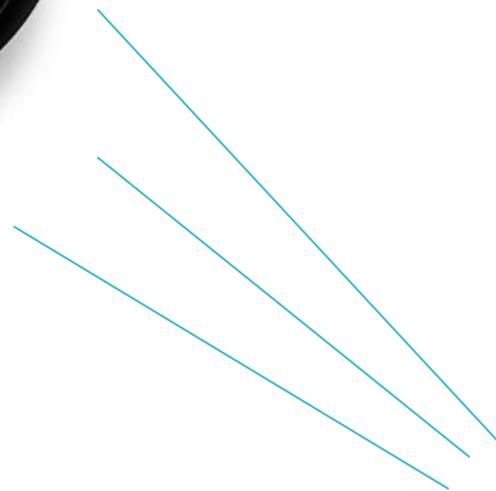


Nooo!
Come
back,
Fluffy!

Weeeee!



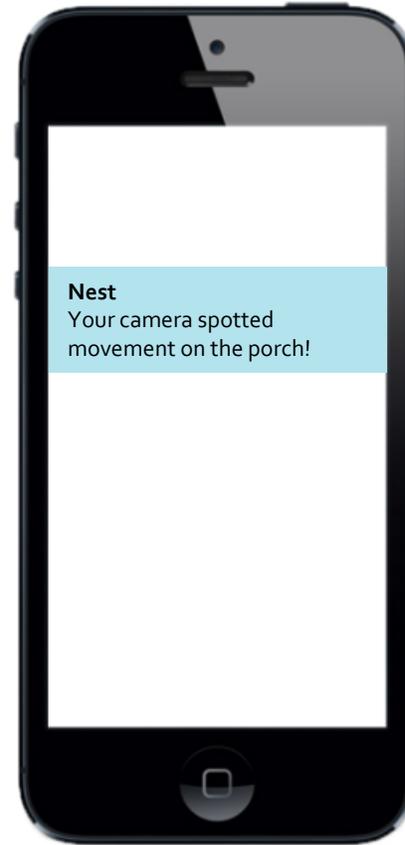
Miss Johnson fills a live trap with treats Fluffy likes, puts the live trap on her porch, and uses her **Nest Cam Outdoor** to **monitor** her porch



Fluffy's favorite treats



While Miss Johnson is at work, she gets an **alert** from the Nest app that there is movement on her porch!



Miss Johnson checks the **video feed** in her Nest app to see if the movement is Fluffy and if Fluffy is caught



Miss Johnson cannot leave work, so she texts her neighbor, Miss Smith, and asks Miss Smith to rescue fluffy from the cage and put Fluffy safely in her home



But wait!
There's more!

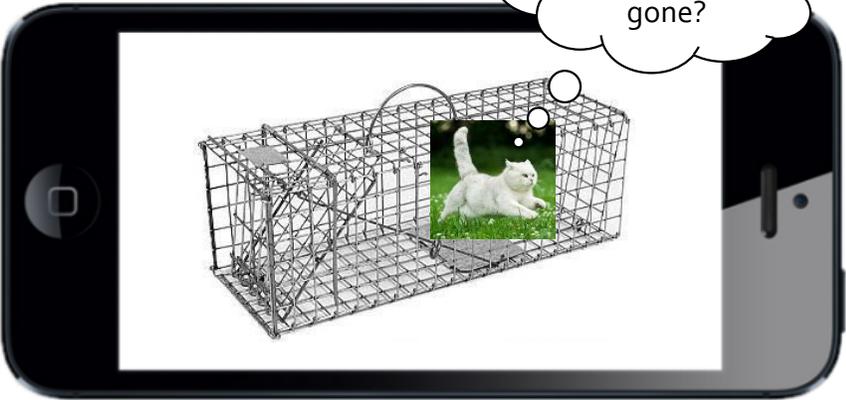


Miss Johnson uses **Talk & Listen** (feature of Nest Cam Outdoor) to tell Fluffy that help is coming (and that he is such a good and handsome boy, yes, he is!!) and **uses the video feed** to watch Miss Smith place Fluffy back in her home (pewh!)



"Don't worry, Fluffy, help is coming!"

Where have all the treats gone?



The end! On to the benefits...

Benefits to Miss Johnson (Customer)

- Miss Johnson **saved time and effort** because she did not have to monitor the front porch manually—the camera did all the work for her!
- Since Miss Johnson knew right away when Fluffy was caught and could send help immediately, **Fluffy was safe** from languishing in the elements or suffering from hunger and thirst.
- Miss Johnson **did not have to miss any work** to see Fluffy safely home.
- Miss Johnson **reduced her stress and anxiety** knowing that the camera would alert her to any movement on the porch and that she could check the camera any time she wanted to on her own.
- Because Miss Johnson already had Nest in her home, adding the Nest Cam Outdoor was **inexpensive and easy** to set up.
- Miss Johnson was **empowered** because she could monitor the porch on her own even when she wasn't home, instead of having to ask Miss Smith to monitor it on her behalf.
- **Bonus:** Using the August Smart Lock, Miss Johnson **saved time and effort** in that she did not have to drop off a key with Miss Smith or pick it up again later, and she **simplified** things by not requiring Miss Smith to keep Fluffy in her home until Miss Johnson could pick him up.