Name: Kelly Rhodes

Course: Advanced Web Topics

Assignment: Capstone Proposal

Project: Kitty Grazer

Requirements:

1. Accept Input
2. Provide Output
3. Connect to the Internet

Problem Statement:

Princess Chew Chew Kitten Pants is a grazer…unfortunately, her two brothers (Cheeto and Pepper) eat any food placed in front of them quickly. We need a way to feed Chewie that she is able to trigger. Additionally, her parents would like to know how often she triggers her feeder.

Proposed Solution:

A motion-activated candy dispenser will be modified with RFID so that an emitter on a cat collar will trigger the release of kibble. When kibble is released, the time will be sent (via THE INTERNET) to the database to log when she has triggered the feeder.

If time is available, a sweet web interface showing the database interface will be developed. Additionally, a scale could be integrated so that if too much food is in the bowl, no further food will be released.