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<u>Scraptcha – Doneness Levels</u>

<u>Previous Tasks</u>

- Research Idea
- Buy Parts

<u>Monday, February 25</u>

- Develop and test C and Node.Js functions for device
- Develop "dumb guess" image detection based on color
- Get minimal project up and running
- Finalize DB format
- Send image to manager, appear in UI

<u>Monday, March 4</u>

- Image Capture Mode
  - Allow user to take picture (Wednesday HW)
    - Snap a simple picture
    - Set interval
    - Start/Stop picture taking
    - Display chart of last few points
  - Show text with answer (trash, etc...)
  - Wire up LEDs, LCD with result

<u>Monday, March 11</u>

- Gaming Mode
  - Create UI tabs
  - Image retrieval from manager
  - Set up questions, submit result
- Match percentage using OpenCV
- Use Google scrape code for object detection
- (time permitting) Set up OpenCV SVM for large dataset

<u>Monday, March 18</u>

- Documentation
- Presentation