

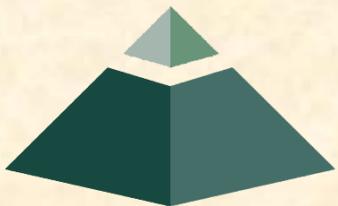
MICHIGAN STATE
UNIVERSITY
Beta Presentation

**Image Recognition, Annotation and
Validation Mobile Application
The Capstone Experience**

Team Whirlpool

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*From Students...
...to Professionals*

Project Overview

Problem:

- Lack of realistic training photos to achieve high object recognition accuracy.

Project Objective:

- Improve Yummly's image recognition data model.
- Collect annotated photos from Whirlpool employees.
- Evaluate correctness of annotations through validation interface.



System Architecture

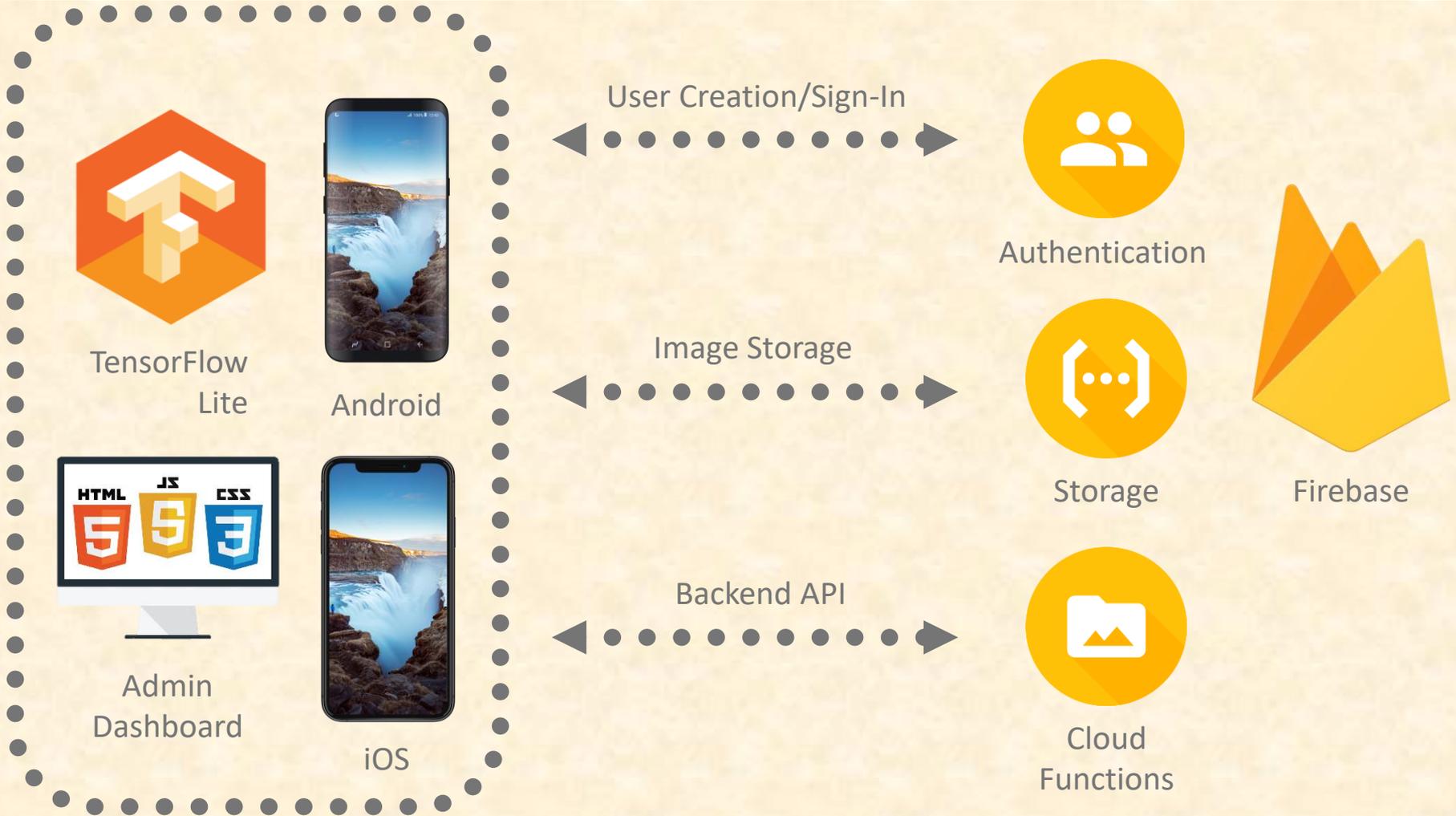
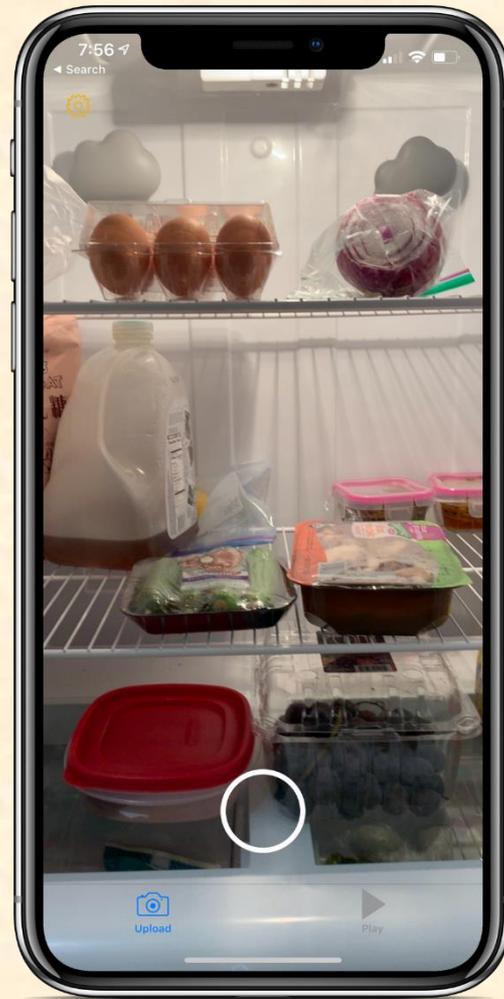
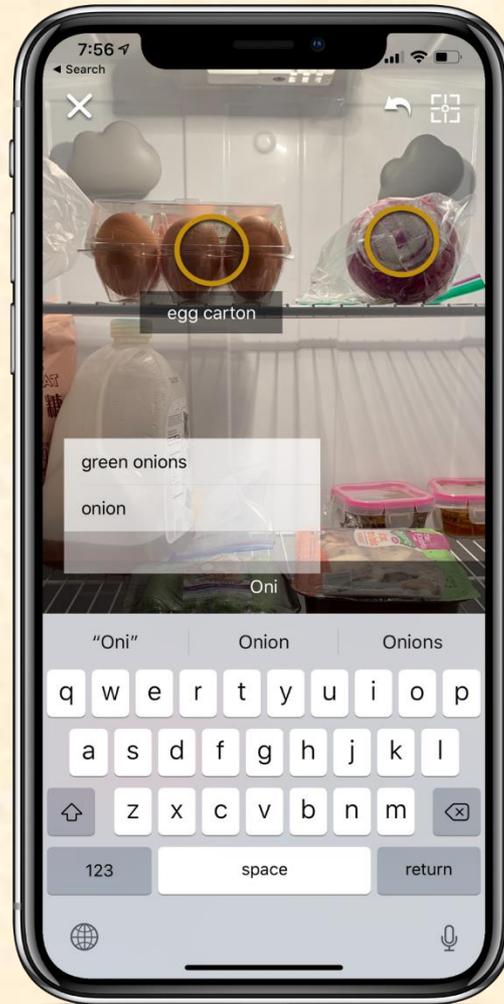


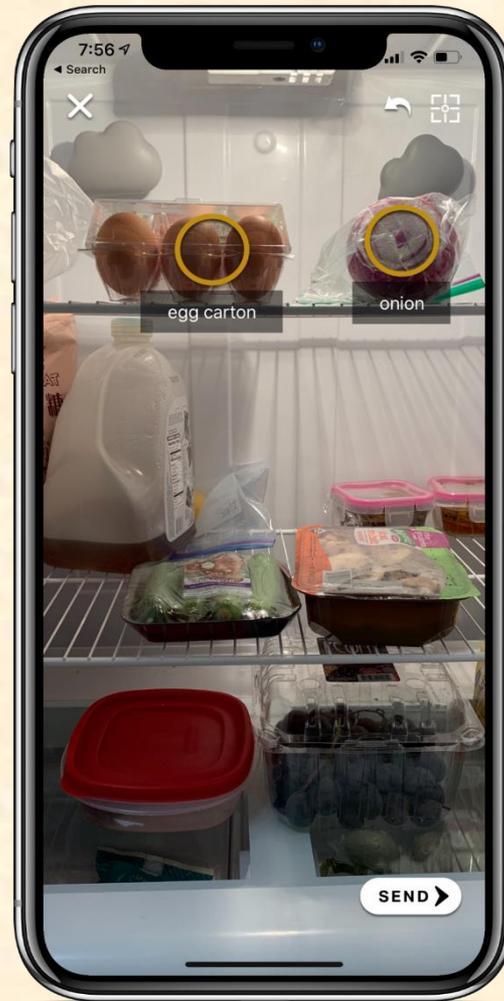
Image Capture Interface



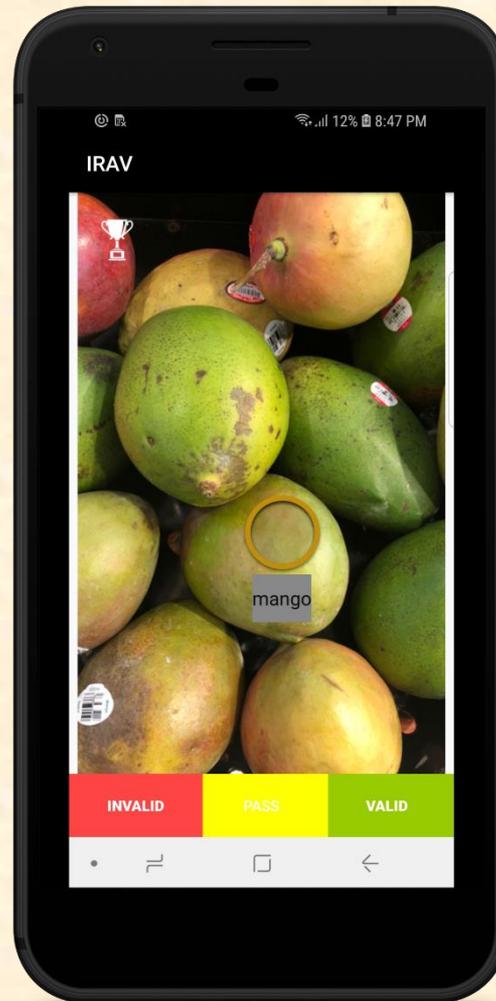
Annotation Interface



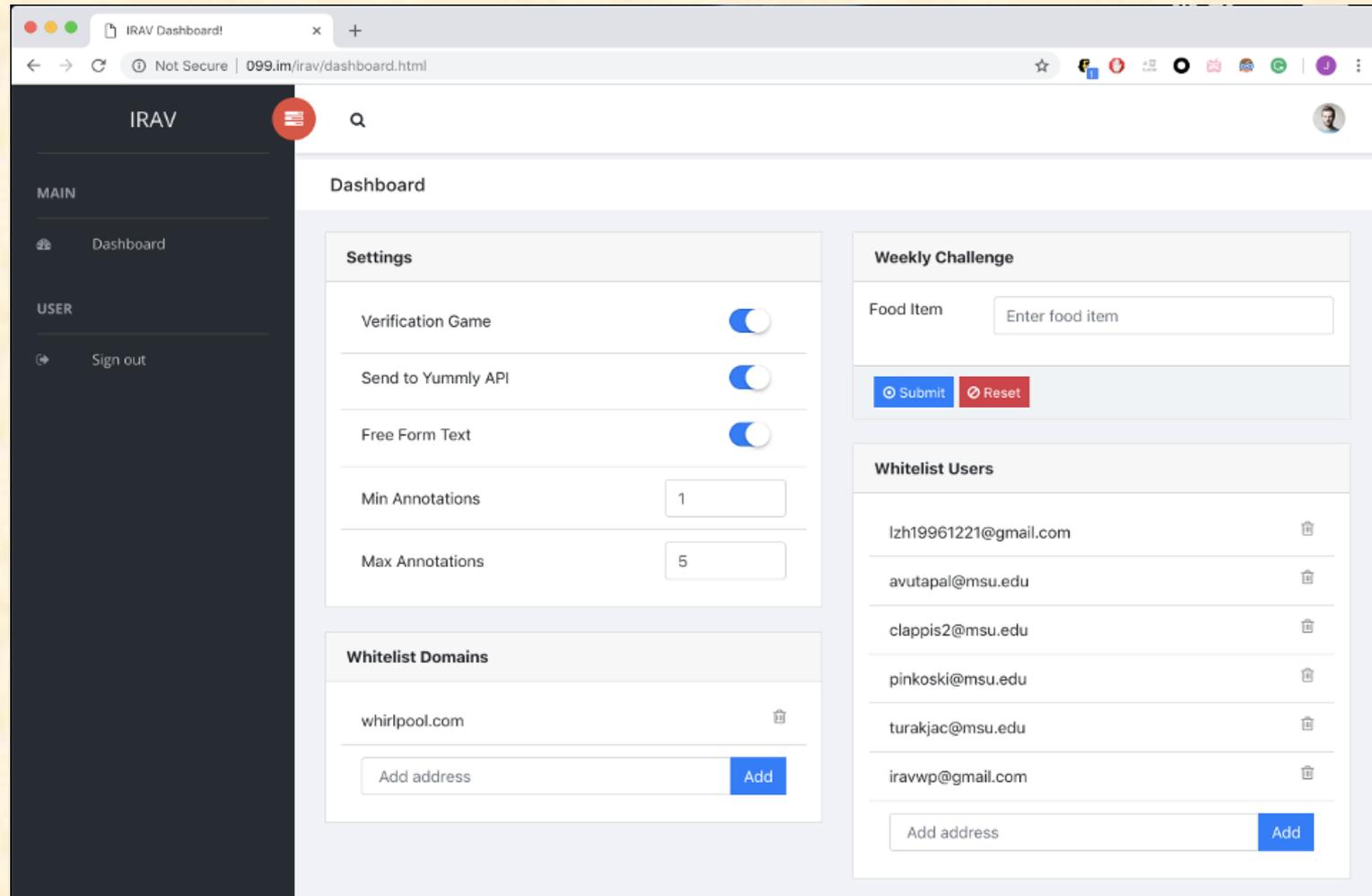
Annotation Interface: Completed



Validation Interface



Admin Dashboard



The screenshot shows a web browser displaying the IRAV Admin Dashboard. The browser's address bar shows the URL `099.im/irav/dashboard.html`. The dashboard has a dark sidebar on the left with the IRAV logo and navigation links for MAIN (Dashboard) and USER (Sign out). The main content area is titled "Dashboard" and contains three sections: "Settings", "Whitelist Domains", and "Weekly Challenge".

Settings

- Verification Game:
- Send to Yummly API:
- Free Form Text:
- Min Annotations:
- Max Annotations:

Whitelist Domains

- whirlpool.com
-

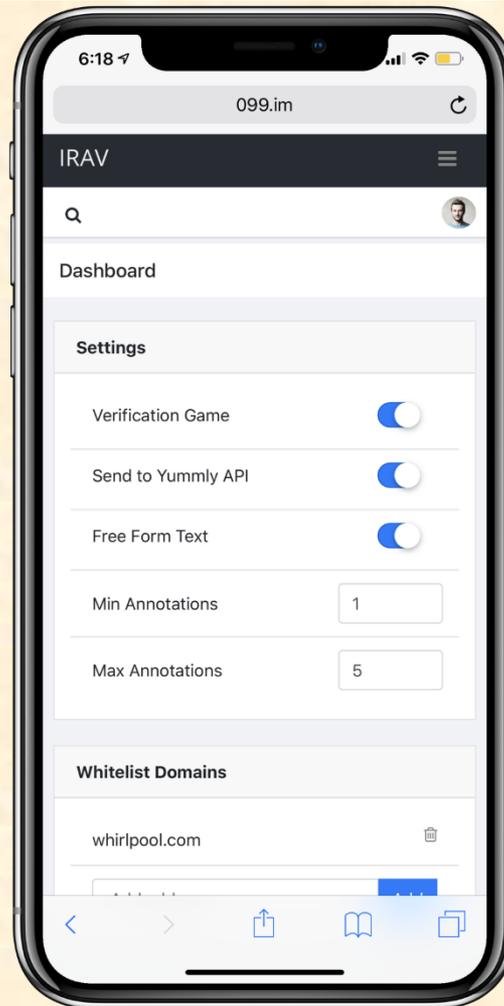
Weekly Challenge

Food Item:

Whitelist Users

- lzh19961221@gmail.com
- avutapal@msu.edu
- clappis2@msu.edu
- pinkoski@msu.edu
- turakjac@msu.edu
- iravwp@gmail.com
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Admin Dashboard



What's left to do?

- Testing
 - User feedback
 - Bug fixes
 - Edge cases
- UI Design Finalization
- Documentation



Questions?

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