

MICHIGAN STATE
UNIVERSITY

Alpha Presentation

Image Recognition Annotation and Validation Mobile Application The Capstone Experience

Team Whirlpool

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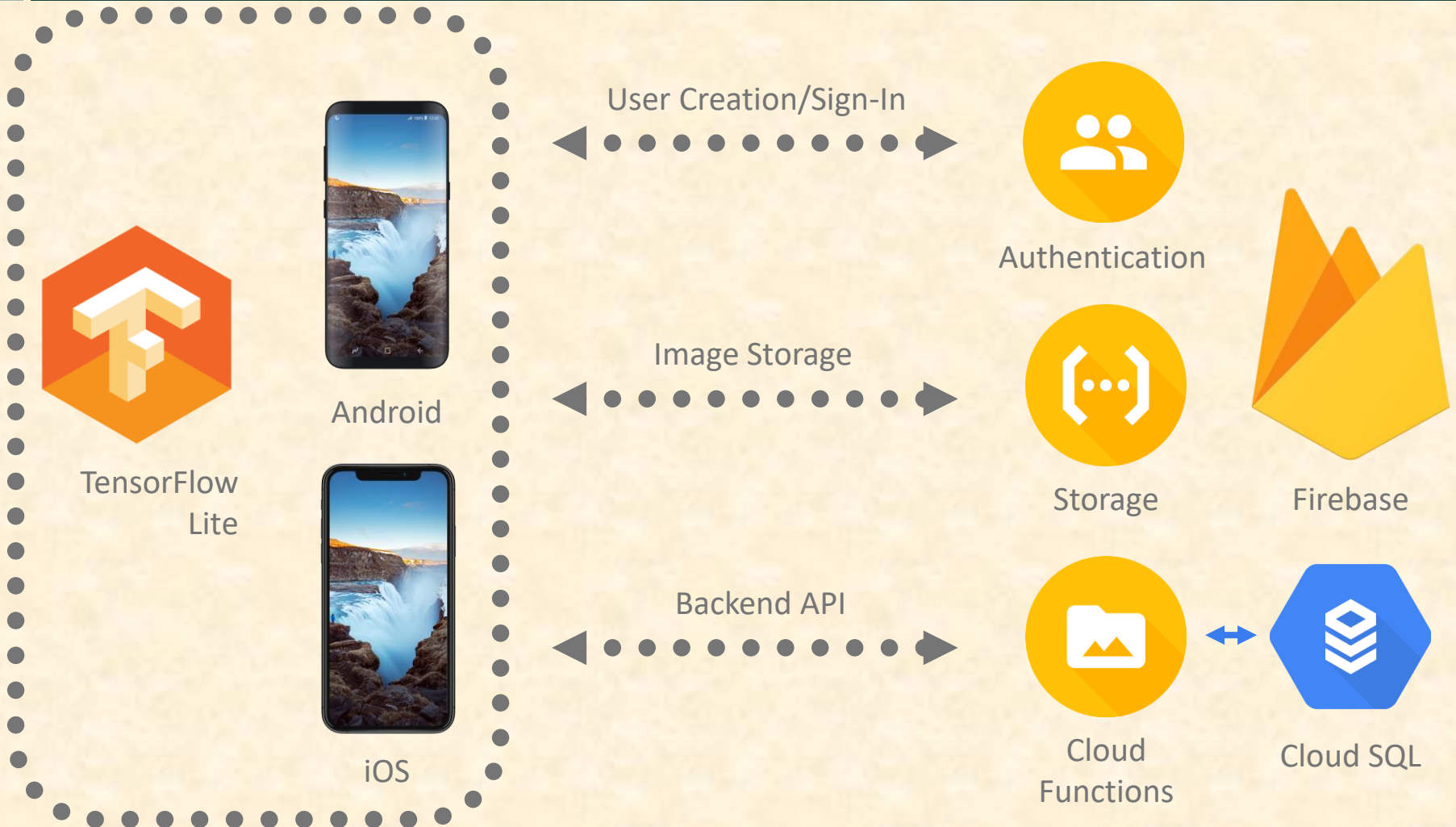
*From Students...
...to Professionals*

Project Overview

- Train Yummly ingredient recognition software
 - Internal crowdsourcing
 - Real world examples
- Game – reliable annotations
- Admin Dashboard – configuration
- Image Recognition
 - User Input
 - TensorFlow Lite
- Android & iOS



System Architecture



What's left to do?

- Finalize object detection implementation
- Complete Admin Dashboard functionality
 - Banner messages (notifications)
 - Whitelist
- Error checking/ bug fixes
- Call Yummly API in Annotation and Admin Dashboard
- Finalize game functionality
- Coordinate UI
- Completing stretch goal
 - TensorFlow Lite



Questions?

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