MICHIGAN STATE
UNIVERSITY

# Alpha Presentation
## Humana Kids

## The Capstone Experience

### Team Humana

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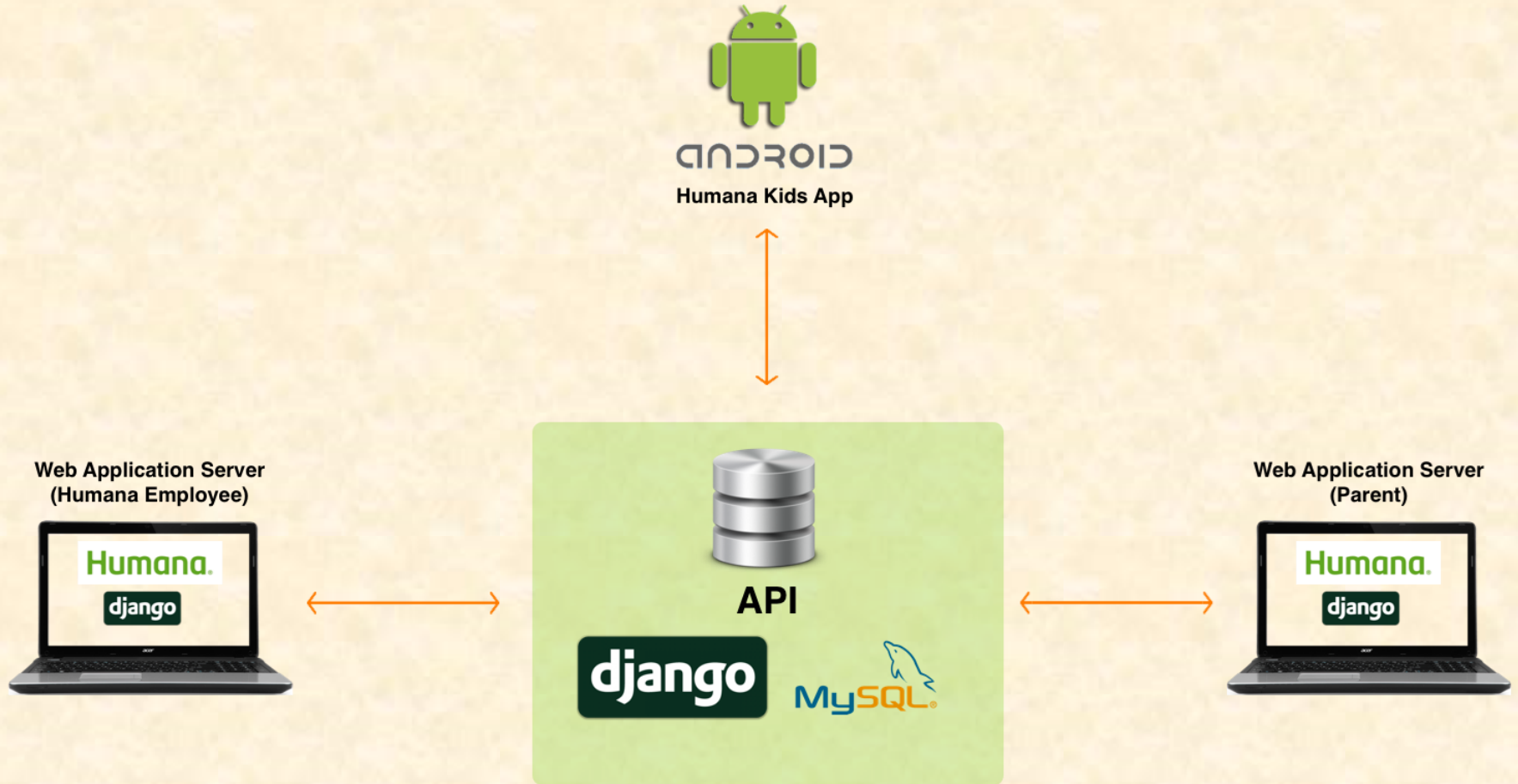Michigan State University

Spring 2017

*From Students…*
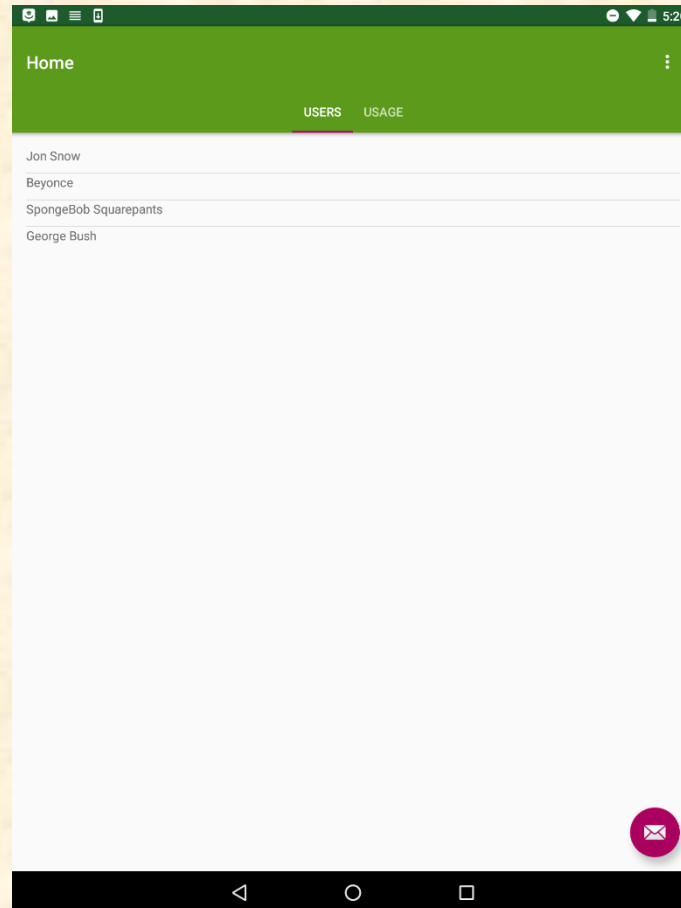*…to Professionals*

# Project Overview

- Android App
  - Interface to promote healthy living among parents and children
  - Children will see surveys, tips, and challenges while using the device in child mode
- Web App for Parents
  - Interface for parents to see health trends for their children, survey responses, and various tips/recipes
- Web App for Admins
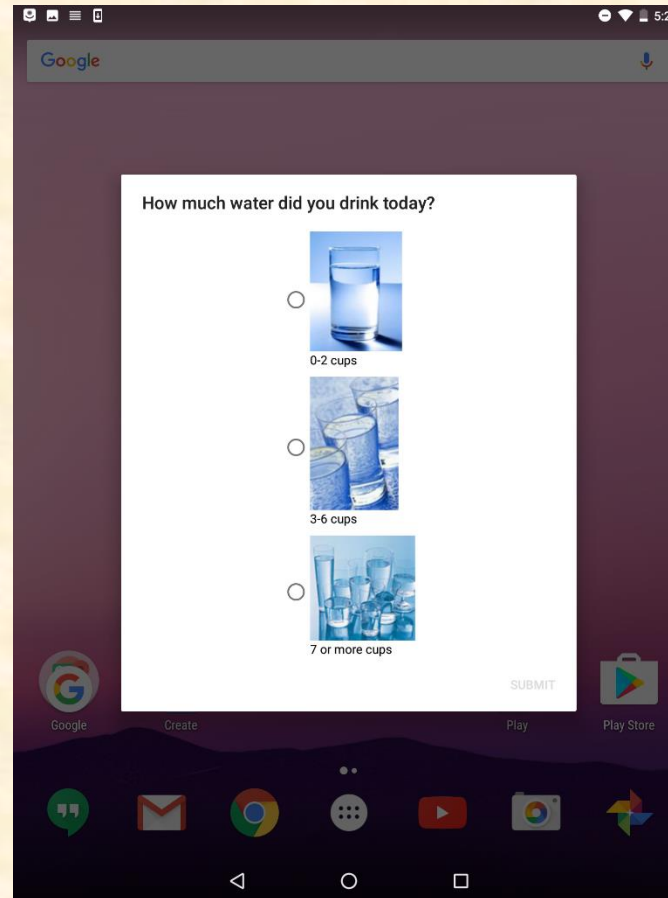  - Allow employees to see usage statistics of app users, download data, and update questions and tips in DB
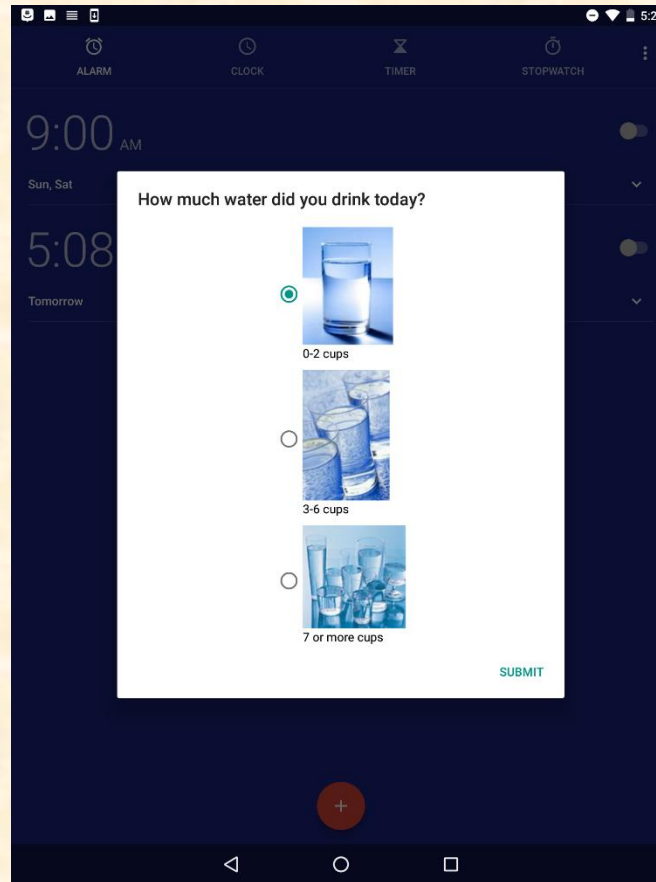
# System Architecture



ANDROID
**Humana Kids App**

**Web Application Server**
**(Humana Employee)**

Humana.
django

**API**

django   MySQL.

**Web Application Server**
**(Parent)**

Humana.
django

# Parent Homepage

# Survey pop-up on home screen

# Survey pop-up on native screen

# API

# Django Web App - API connection

# Web App - Homepage

# Web App - Parent Registration

# Web App – Initial Survey

# Web App – Child Registration

# What's left to do?

- Mobile App
  - Locking to switch between modes
  - Ranking and badges pages
  - Implement coin system
- Web App
  - Login/authentication
  - Display trends with graph
  - Downloading data to .csv/JSON
- Machine learning

# Questions?

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