MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation
Sentiment & Emotional Analysis of Video Interviews

The Capstone Experience

Team Yello

Jenn Proos
Brian Wang
Leo Yao
Jonathon Zeitler
Quan Zhou

Department of Computer Science and Engineering
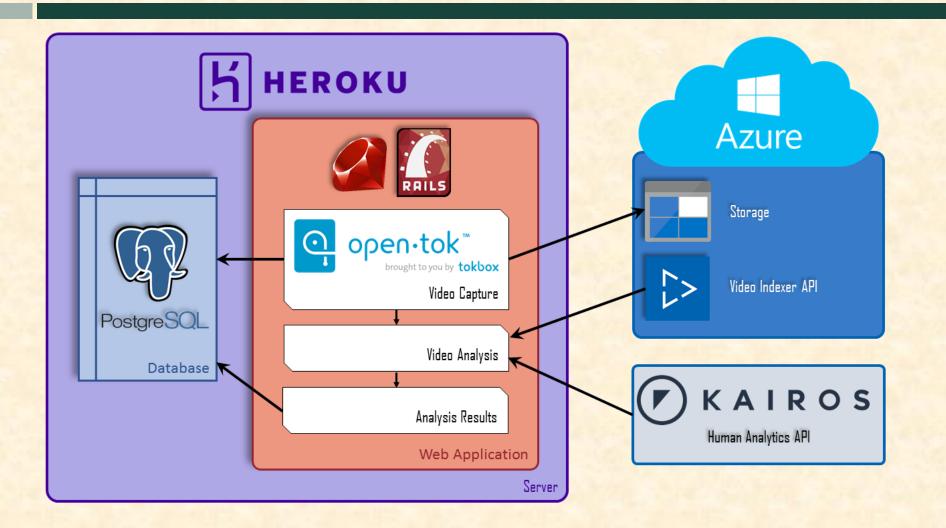Michigan State University
Spring 2018

From Students…
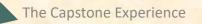 *…to Professionals*

Project Overview

- Web App
  - Candidates can record and review answers to interview questions.
  - Staff can create, edit, and delete interviews.
  - Staff can view sentiment and emotion analysis results.
- Sentiment and Emotion Analysis
  - Sentiment analysis produces a floating point value between 0 (negative) and 1 (positive).
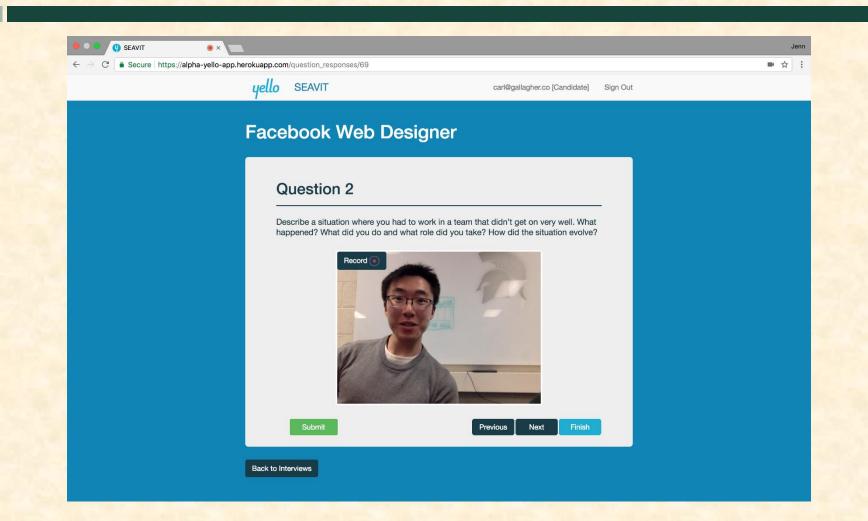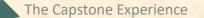 - Emotion analysis produces a confidence score for each emotion

System Architecture

Login Screen
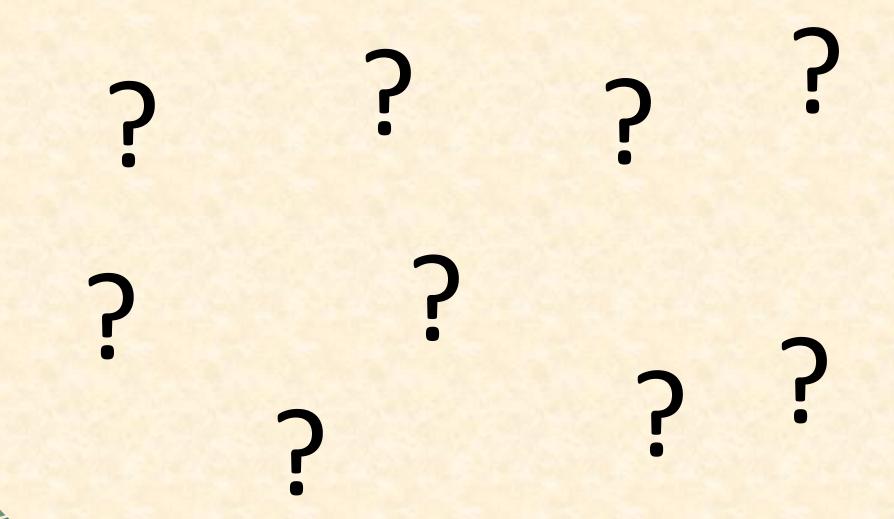
Candidate Video Response

Managing Interviews

Editing An Interview

What's left to do?

- Live interview functionality

- Send transcript to Azure Text Analytics

- Account activation through email

- Presenting analysis results in a helpful manner to recruitment teams

- Clean Up UI

Questions?

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