

MICHIGAN STATE

U N I V E R S I T Y

Beta Presentation

IVAT: Interview Video Analysis Tool

The Capstone Experience

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

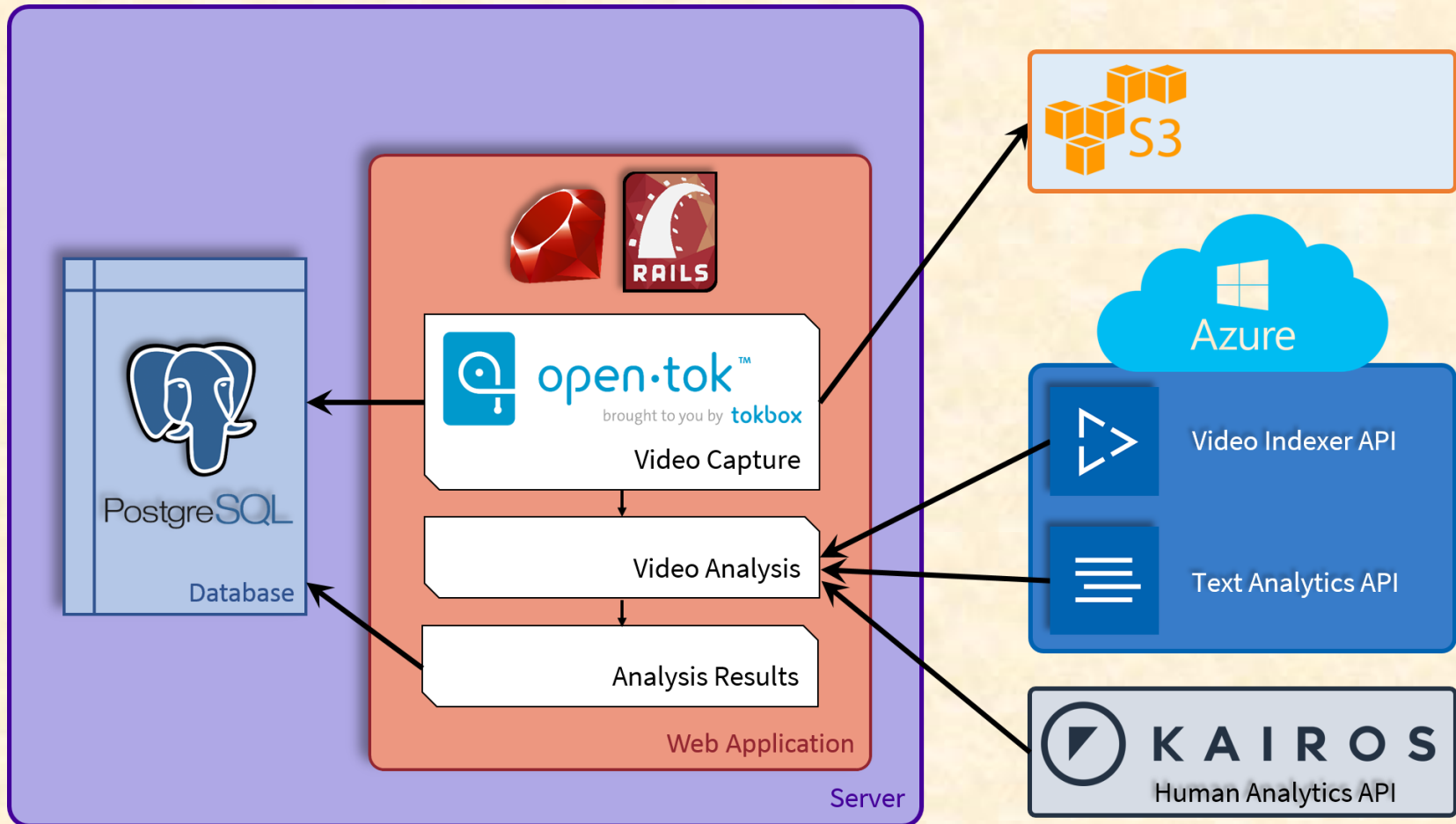
Project Overview

- Web App
 - Staff can set up live or prerecorded interviews.

- Sentiment and Emotion Analysis
 - Sentiment is based on speech attitude
 - Emotion is based on facial expressions



System Architecture



Prerecorded Response Page

The screenshot shows a web browser window with the URL https://beta-yello-app.herokuapp.com/question_responses/117. The page header includes the Yello logo and 'IVAT', the user email 'candidate1@yello.co [Candidate]', and a 'Sign Out' link. The main content area has a blue background with the title 'Taekwondo Instructor' and 'Question 1'. The question text is 'Do you have a national ranking? If so, what is it?' with a 'Time Limit: 00:30' displayed to the right. A video player shows a man in a grey sweater speaking in front of a whiteboard with diagrams. A 'Record' button is overlaid on the video. Below the video are 'Submit' and 'Finish' buttons. A 'Back to Interviews' button is located at the bottom left of the page.



Live Interview Page



Analysis Results Page

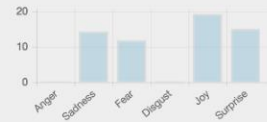
ts_reports/12

Summary:

Emotion Score: 😄 Joy

Sentiment Score: 0.7 (Positive)

Sentiment Variance: 0.07



Question 1:

Are you excited about working here?



Transcript Sentiment:

0.95 (Positive)

Transcript:

I am so excited about the work at yellow I love learning day I love working on rails I love Elasticsearch posgrads I love Keith. (0.95)

Emotion:

Top Emotion: 😄 Joy

Anger



Managing Interviews Page

The screenshot shows a web browser window with the URL `beta-yello-app.herokuapp.com/interviews`. The page displays two job listings, each in a white card with a blue background. The first listing is for 'Country Oaks Elementary School Teacher (Live)' by Brian Wang. The second listing is for 'Duke University Nursing Student' by Greg. Each listing includes a description of the role and two buttons: 'Delete' (red) and 'Results' (blue).

Country Oaks Elementary School
Teacher **(Live)**

Author: Brian Wang (wang.brian@recruiter.co)

Country Oaks Elementary is looking for a 3rd grade teacher to educate our students. As a teacher at Country Oaks, you will be responsible for the educational and emotional growth of children in a classroom setting, as well as managing the materials and resources used for educating them. You will establish clear objectives for all lessons, units, and projects, and communicate those objectives to students.

Delete

Results

Duke University Nursing Student

Author: Greg (greg@recruiter.co)

Duke University is looking for qualified candidates to enroll in our Accelerated Bachelor of Science in Nursing (ABSN) Program. The purpose of this program is to prepare a graduate nurse capable of providing entry level professional nursing care to promote, attain, maintain and restore the health of clients in a variety of health care settings.

Delete

Results



What's left to do?

- Refactoring code
- Bugs
- Testing in more interview situations
- Minor UI updates



Questions?

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