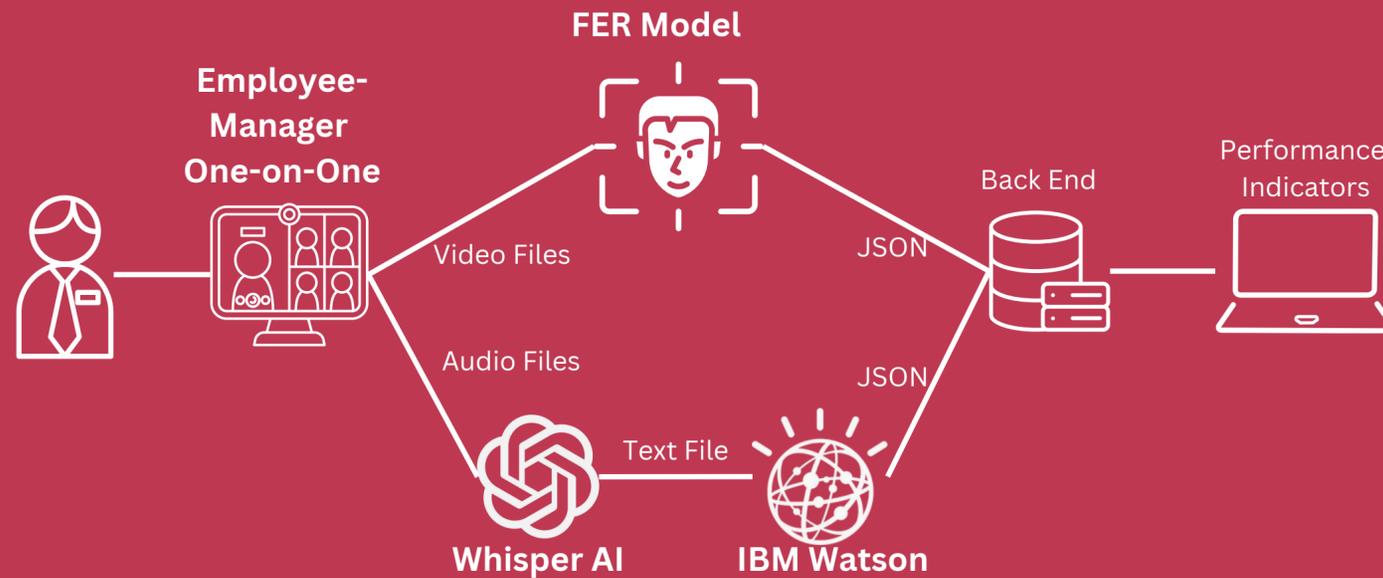




OVERVIEW

- HUMN Capital is a coaching platform intent on improving manager performance by analyzing 1:1 meetings to provide personalized feedback and tailored coaching tools for managers
- In the workplace, inefficient management leads to losses in productivity, employee engagement, and business revenue
- HUMN Capital aims to minimize these losses by providing the requisite coaching resources not found in other companies.
- We have created an insight engine that processes manager 1:1s and generates neutrality scores based on language and expression to allow more precise, targeted, feedback.

PROJECT WORKFLOW

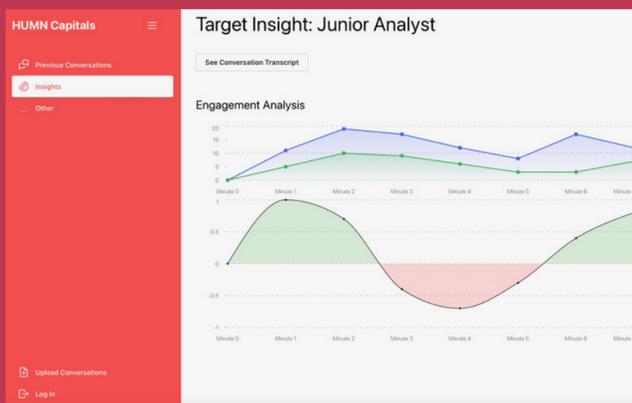


FUTURE GOALS AND SUGGESTIONS

- Establishing a data pipeline that combines various sources for identification of unconscious biases in managers.
- Expand the current product's capabilities to detect an even wider range of emotions than currently accounted for.
- Provide a larger variety of insights such as employee engagement, goal alignment and individual progress tracking.
- Build a feedback loop combined from multiple sources including manager evaluations, peer reviews, and self-assessments.

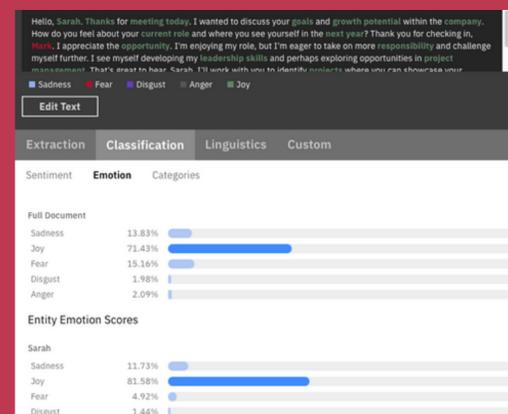
FINAL PRODUCT

- Web application hosting information and data using React.
- The app creates an easy-to-interpret display for managers to see employee engagement during conversations and formulate actionable goals.
- The site hosts multiple pages that track and update conversations, feedback, and more.



NATURAL LANGUAGE PROCESSING

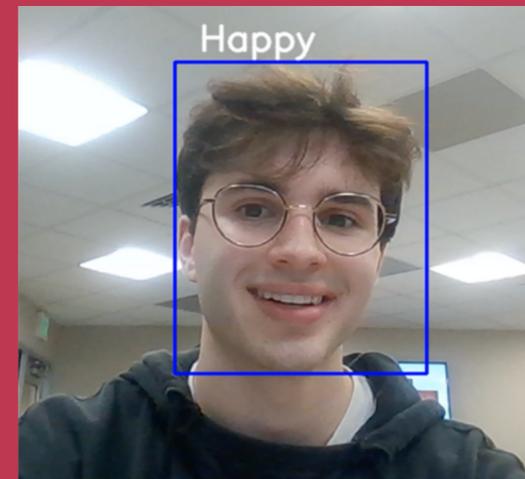
- The product uses natural language processing (NLP) to help an employer gauge tone and speech to allow them to enhance conversations with employees.



- The app uses AI-powered (WhisperAI) audio-to-text processing to provide a user with helpful insights from a meeting, including emotions, questions, keywords, and concepts.

COMPUTER VISION

- The product uses computer vision (CV) to help an employer analyze expressions and emotions during meetings to improve managers' interactions with employees.



- The app uses facial emotion recognition tools (OpenCV) to track various facial cues and readings in a person.

CREDITS

Thank you to HUMN Capital, especially Angela Goldenstein, for your timeless support and immeasurable guidance.

Thank you to the Data Mine and the accompanying staff specifically Dr. Ward and Nick Rosenorn

Teaching Assistants:
Shola Arulogun, Tom Linn, Uday Pandey, Shreyas Vaid

Contributing Members:
Sohil Bhatia, Andrew Burns, Lalitha Chandolu, Steven Chang, Cai Chen, Henry Chen, Jacob Choi, Sam DeLucia-Green, Ongshu Dutta, Emily Hershey, Kevin Huang, Sam Jebaraj, Jason Jeong, Victoria Jung, Michael Lumbea, Vidya Madana, Shrish Mahesh, Aadviv Reki, Armaan Sayyad, Sulav Shrestha, Zehui Su, Tristan Sze, Nihar Turlapati