

# Tenacity.AI



Empowering **E-Learning** from **Media content**.

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# Our Aim

We want to enable our users to create more Powerful and Impactful Video content for better learning and Insightful data communication in the process of E-Learning.

# Tenacity.AI



- **Tenacity.AI** is a web app that simplifies the process of **gaining Insights** from **Visual content(mp4)**.
- **Tenacity.AI** is a tool that is helpful for both **Tutors** and **Students**.
- With the help of **Emotional(Tone)** and **Speech to text** analysis, **Tutors** can Monitor their **Lecture Delivery Style** and **productivity**. Also, They can **generate transcripts (Real Time)** of their video lectures.
- Further, with the help of **Natural Language Understanding**, Tenacity.AI extracts useful Keywords from **Lengthy Lectures** or **complicated Jargons** and thus provokes better learning by the **students**. Each of these **keywords generated in real-time** are automatically linked to **Wikipedia pages** for **further information**.



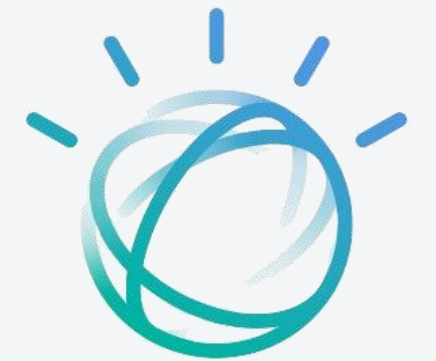
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# How Tenacity.AI works?

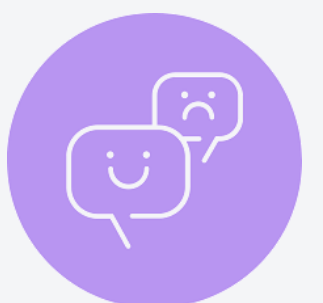
- Our group felt that E-learning experience did not give a student full immersion into the content of the video. Our Demo Web Application demonstrates that how Video Content can be utilized in order to generate better insights into the domain of E-Learning.
- Our Application Uses the Watson APIs to Analyze the Video (mp4) files. The Watson Cognitive Services that we are utilizing are Tone Analyzer, Speech-To-Text and Natural Language Understanding. Our Application analyses the video to identify the tone and emotion of the speaker and generates the corresponding Transcripts.
- After the complete video has been analyzed, our App suggests possible features to enrich in the video.

# Tech Stack

- Watson API
- Bootstrap
- Angular JS
- Node.js
- IBM Cloud Services
- Speech-To-Text
- Tone Analyzer
- Natural Language Understanding



Bootstrap



# References

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- [Watson Developer Cloud](#)
- [Watson Starter Kits / GitHub](#)
- [Watson API Documentation](#)
- [Watson Cloud Services](#)
- [Stack Over Flow](#)
- [Node.js Documentation](#)