



# summario

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Engagement during online meetings



# The Problem

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Nowadays we face horrible issues:

- we have very little time
- we are overloaded with meetings
- it's hard for us to get on with all the discombobulating topics during long talks
- many internet conferences are run by presenters with no online experience, convoluting the already hard topics

# The Solution

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Our take at those problems:

- helps with meetings by generating interactive transcripts using ML-powered speech recognition
- develops the conspect of meetings and extracts main speaking points, allowing to easily navigate throughout the video
- allows easy access to all previous meetings and is extremely intuitive

...and most importantly saves everyone's valuable time :)

# The Technologies

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For the frontend we used Bootstrap and HTML/CSS/JS/jQuery combined with Flask and Python for backend.

For our databases - SQLite3

We used an LSTM NLP machine learning model and NLTK tokenizer to summarize meetings and highlight the main speaking points of discussion.

We also used Google's speech-to-text model in order to transcribe video content.

Furthermore, our team created a secure way to upload videos to the service, using SHA-512 and random salts to store passwords.

# The Future

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We cannot be certain what the future will hold for us, however we plan to add new functionalities:

- Automatically attaching materials and links to articles to the transcript.
- We also consider adding integration with platforms like MS Teams or Zoom
- Because AI isn't perfect, there is always a way to improve the models we use, so we certainly plan on doing that!

The market for our product has exploded in the beginning of 2020, and will definitely expand in the coming years.

# Thank you

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To see our project in action, please view our demo video on Youtube:

<https://youtu.be/wMh5tN9AjYA>

To view our code or contribute to our project, feel free to visit our github (we had problems with our git repository - the current project is wiigamers2):

<https://github.com/kotkipiwnicamiaumiau/wiigamers2>