



# Yapper



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# Example usage

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- User wants to share long video
- Friend does not have time
- Use our tool to find the funniest clip

# A good highlight

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- Full video is ~3 minutes long
- Shortened highlight clip is ~30 seconds long
- Easy to share shortened video with friends



# Laugh Line - Comedy Clip Finder

<https://www.youtube.com/watch?v=DtBkJU1zr0>

Generate Funny Clip!

Enter a YouTube video URL to find the funniest moment



+ Add Earlier

- Cut Earlier

- Cut Later

+ Add Later

Find a different joke

Not appropriate

## Transcript

Copy Transcript

0:03

My girlfriend's wonderful though.

0:05

I listened to everything my girlfriend says.

0:07

I don't mean she bosses me around.

0:09

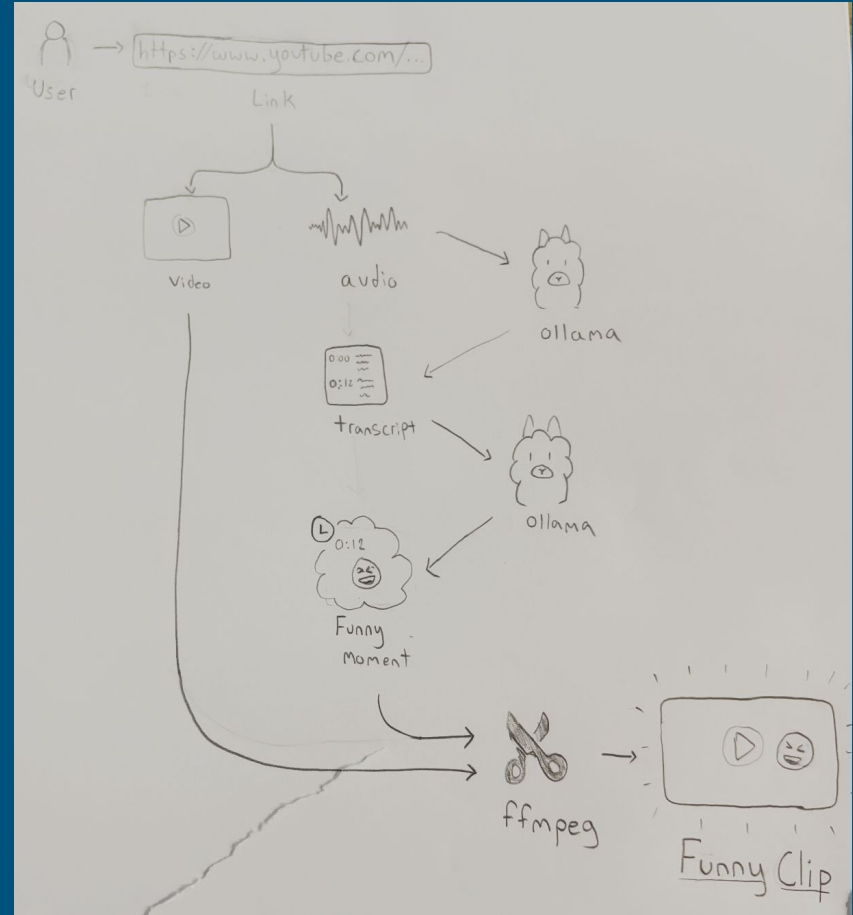
I just listened to everything she says because before I had a girlfriend, I never had someone who's always standing next to me who can just point out obvious things that are happening.

0:19

Like we'll be in a restaurant and my girlfriend will be like, you ordered your food an hour ago.

# How it works

- Users are upload a YouTube link
  - Our system downloads the video as .mp4
  - Split into .mp3, given to ollama to generate a transcripts (with timestamps)
  - Another pass from the AI to decide the “funniest part” using timestamps
- Tech stack: Python, **ollama**, ffmpeg, flask, whisper



# Design Analysis

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- Shareability is the focal point in this project
  - Aim to help enhance meetings between friends with just a little bit of culture
- Our goal was to create a space where users can share comedic experience between people

# Alternative Envisioning

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- Originally considered a voice conversation summarizer
  - Wanted a comedy focus
- Other short-form media has been shown to be harmful
  - Unending suggestions that keep people trapped
- Our approach focuses on the user to make more deliberate choices
  - (i.e. “What do they really want to show?”)
- A more manual machine makes for more deliberate decisions.
  - (i.e. “What is funny?”)

# Usability Testing

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- Friends as subjects
  - Reported Easy and Intuitive usage
- Lessons learned
  - Users wanted more control over their clip, sentence-level precision
  - Session based feedback (different joke or not appropriate)
- Lessons applied





# Iteration Documentation

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- We believe that every video can be funny
  - Our AI bot *certainly* believes so too
  - No matter what video you feed it, it *will* try to find the funniest clip from that video
- Not all videos are created equally
- Filters for “dark humor” or “inappropriate jokes” should to be filtered

# Reflection

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- Our biggest takeaways from building this app was:
  - that everyone has their own sense of humor
  - wants to display it in their own unique way
- Interactivity + expressed humor = a shared comedic experience between people