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COSC 4P02
Social Media Post Generator

Why a Reddit Video Generator?



Reddit video posts have been on the uptake for years now.



This program is a proof of concept.



Feasible to complete within the timeframe.



Our skills aligned with creating this program.

Sprint 1

Focused on the foundation of the program.

Brainstormed ideas for the backlog during this period.

By the end, we successfully interfaced with the API after much trouble.

Successfully implemented the Reddit post grabber, though execution time was an issue.

Sprint 1's Execution

As seen in the picture, this grabber was the fruit of our efforts after the first Sprint.

URL: https://www.reddit.com/r/stories/comments/lavrlw/i_never_realized_how_disgusting_a_lot_of_men_were/

Subreddit: stories

Upvotes: 1575

Precensored Text: I'm 25F. Now let me start off by saying that I know not all men are disgusting. There are so many really good and kind men out there and I truly do appreciate the men that I and other women can feel safe with. When I was a teenager, I was very dumb and naive. At the time, I really didn't see anything wrong with an 18 year old or 20 something year old trying to talk to me, flirting with me and calling me pretty. I felt so cool because an older guy was talking to me. I remember being 17 and men in their 30s asking me when I was turning 18. I look pretty young for a 25 year old and I've noticed when I tell men older than me, my age, they seem to lose interest. It's creepy honestly. Not that long ago, I was talking to a guy that I met at work. He's 36. He was a very good looking guy, very respectful to me in the workplace, etc. But he was very creepy about our age difference and would say things like "you were in elementary school when I was in my late teens or early 20s, but I would've still f*cked you" immediately, I was like "HELL NO!". I stopped talking to him. It's especially more concerning to me because I have a daughter. No one I seen has ever met her and I never let them meet my kids unless I feel safe around them. They know I have kids but there is absolutely no way, I'm letting randoms meet them. I honestly don't think I even want to date until my kids are adults themselves. I know not all men are like this, but the men I've encountered make me feel like it's literally all men. Fuck

Postcensored Text: I'm 25F. Now let me start off by saying that I know not all men are disgusting. There are so many really good and kind men out there and I truly do appreciate the men that I and other women can feel safe with. When I was a teenager, I was very dumb and naive. At the time, I really didn't see anything wrong with an 18 year old or 20 something year old trying to talk to me, flirting with me and calling me pretty. I felt so cool because an older guy was talking to me. I remember being 17 and men in their 30s asking me when I was turning 18. I look pretty young for a 25 year old and I've noticed when I tell men older than me, my age, they seem to lose interest. It's creepy honestly. Not that long ago, I was talking to a guy that I met at work. He's 36. He was a very good looking guy, very respectful to me in the workplace, etc. But he was very creepy about our age difference and would say things like "you were in elementary school when I was in my late teens or early 20s, but I would've still f*cked you" immediately, I was like "HELL NO!". I stopped talking to him. It's especially more concerning to me because I have a daughter. No one I seen has ever met her and I never let them meet my kids unless I feel safe around them. They know I have kids but there is absolutely no way, I'm letting randoms meet them. I honestly don't think I even want to date until my kids are adults themselves. I know not all men are like this, but the men I've encountered make me feel like it's literally all men. ****

I never realized how disgusting a lot of men were until I became an adult

Venting

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Sprint 1's Issues and Development

Decided to start with grabbing reddit.

Reddit doesn't allow to grab a lot of Reddit's posts at once.

Used different API.

Censorship wasn't censoring everything.

Sprint 2

Focused on the TTS module and polishing the censorship algorithm.

Built the methods needed for Sprint 3's video generation. Namely the video generation module.

Sprint 2's Issues and Development

Text was not come out very cleanly.



Text was not spacing well.



Tried to see if we could use a different voice module.



When producing video for some reddit the array went out of bounds.

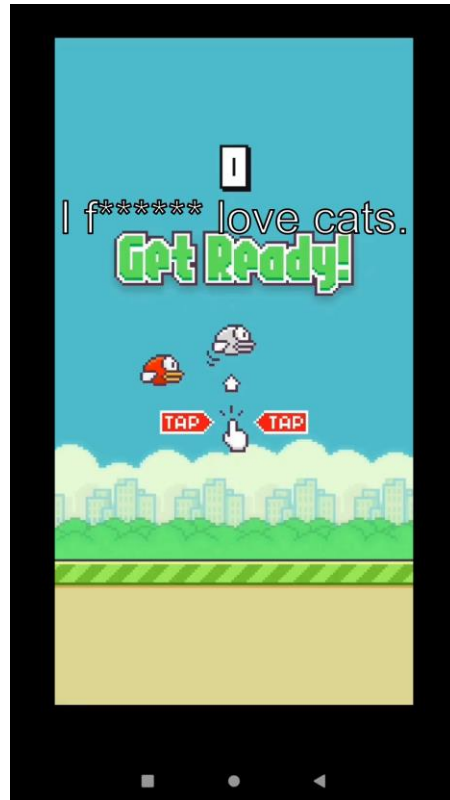


Sprint 3

Successfully generated a completed video.

Metric collection algorithm created, but untested due to no upload algorithm.

Created the foundation of the uploading algorithm.



Sprint 3's Execution

Sprint 3's Issues and Development

Find videos
templates
to use.

Decided
how to use
templates.

Merging
takes a
long time.

Import
issues with
MoviePy.



Sprint 4

Almost entirely
dedicated to
GUI
development.

Issue with long
videos was
fixed.

Subtitles were
massively
improved.

Sprint 4's Issues and Development

Time
constraints.

Trying to
obtained user
data without
authentication.

Testing issues
with other
members.

Loading bar
into GUI.