



STRIDR Project Meeting

To: S. Sampson | From: Taylor & Ian

Where We're At

Intangible

After moving into production, there's not much intangible stuff anymore.

Tangible

The 'Experiments!' section is now, more or less, tangibles contributing directly to the project. See that section for details. Broken down, it includes:

- Sign in/up functionality
- Pulling Twitter data
- Full Twitter functionality
- Full YouTube/Facebook functionality
- Simultaneous Social logins functionality
- Pinterest functionality
- Tumblr functionality
- Accounts page
- Settings page
- Filtering the user's feed
- Recommender working
- Creating mockup data (failed)

What We're Behind On

We're all caught up and can safely say we're finished enough to present the project. (As finished as something like this can be).

What's Next

- Step 1. Deploy the app
- Step 2. Market the app
- Step 3. ???
- Step 4. Profit



Time Spent: Month 3

*Attached PDFs breakdown time by week.

Summary report

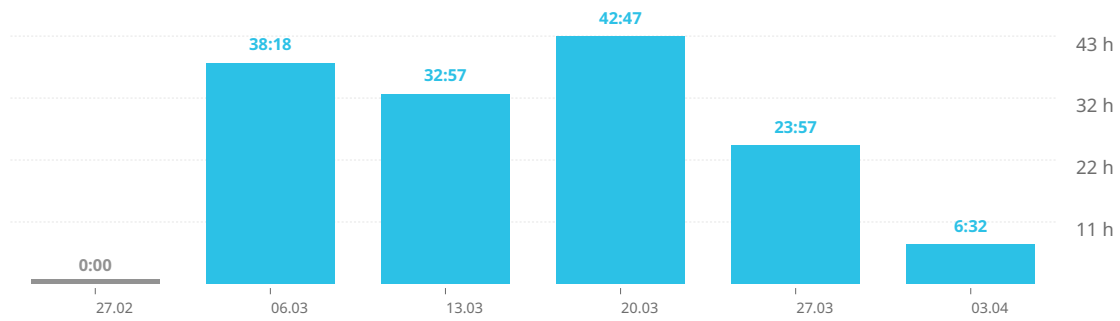


2017-03-05 - 2017-04-08

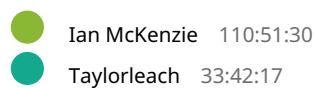
Total 144 h 33 min

Ian McKenzie, Taylorleach selected as users

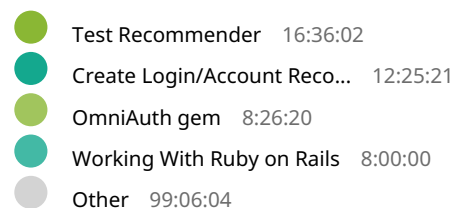
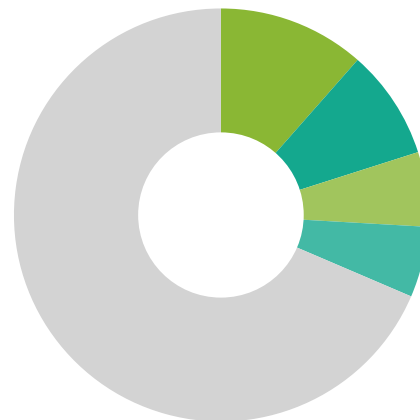
STRIDR MVP selected as projects



Users



Time entries





Time Spent: Grand Total

Summary report

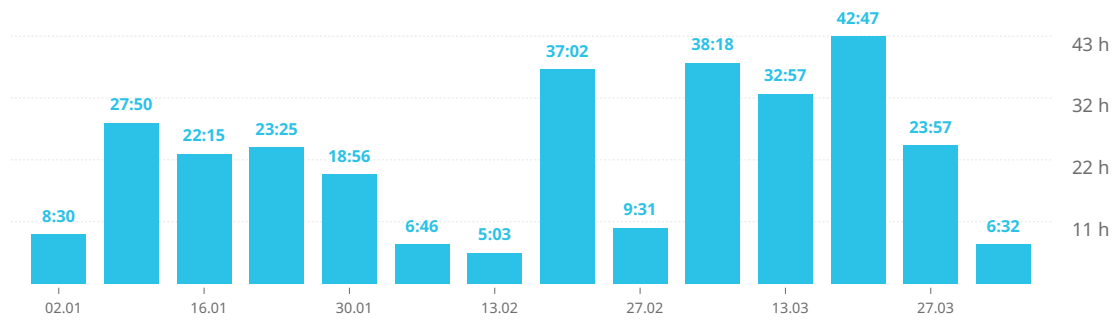


2017-01-08 - 2017-04-08

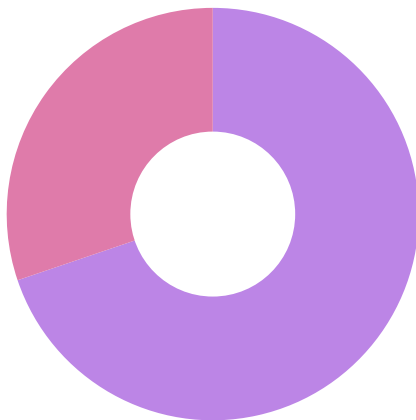
Total 303 h 56 min

Ian McKenzie, Taylorleach selected as users

STRIDR MVP selected as projects

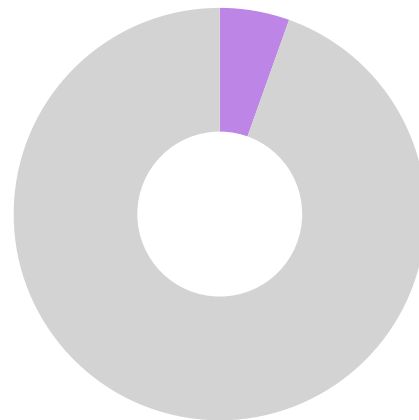


Users



● Ian McKenzie 212:08:57
● Taylorleach 91:47:03

Time entries



● Test Recommender 16:36:02
● Other 287:19:58



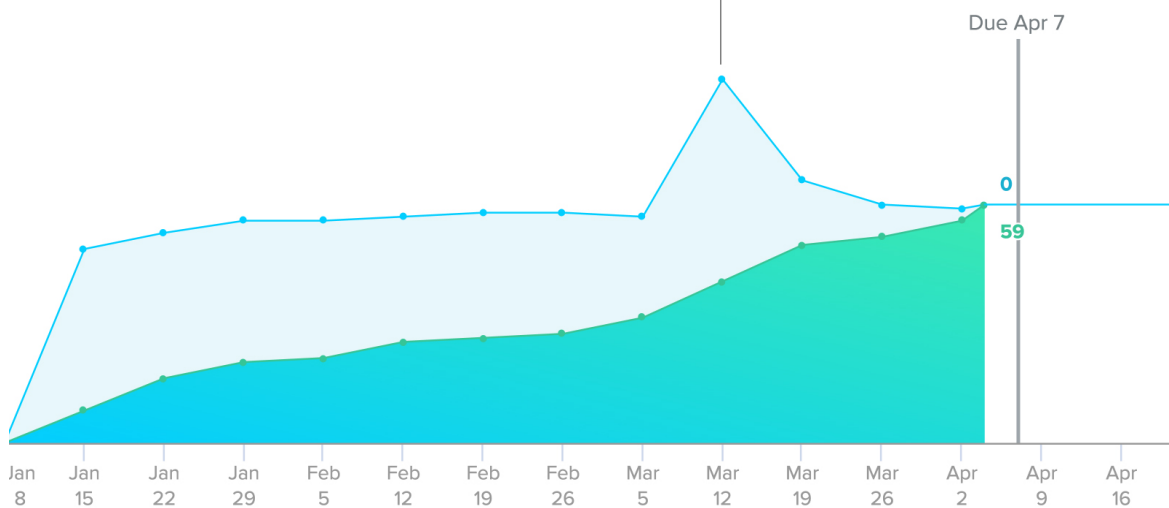
Progress According to Asana

Progress

0 Tasks Remaining

59 Tasks Completed

Stretch goals added and then moved to separate project (for the summer)



Experiments!

Sign in/Sign up

Taylor has created sign in/up pages, and Ian has implemented functionality for them. Options are: Sign up with email, Facebook, Twitter, and Google. Figuring out sign up with Twitter helped Ian figure out signing up with Facebook and Google, as well as how to pull data from Twitter.



Pulling Twitter Data

A substantial breakthrough in building the app, Ian has figured out how to pull all necessary social data from the Twitter API. With the technologies being used, this way of pulling data can be easily transferred to most other social platforms. Proof of concept:


[Customize Feed](#)
[Account](#)
[Sign Out](#)

ccessfully authenticated from Twitter account.



Welcome back, Ian [#<OmniAuth::AuthHash blocked_by=false blocking=false contributors_enabled=false created_at="Mon Sep 19 03:31:28 +0000 2016" default_profile=false default_profile_image=false description="Knight of the Round Table, Dark Age of Camelot" entities=#<OmniAuth::AuthHash description=#<OmniAuth::AuthHash urls=#<Hashie::Array []>> url=#<OmniAuth::AuthHash urls=#<Hashie::Array [#<OmniAuth::AuthHash display_url="darkageofcamelot.com" expanded_url="http://www.darkageofcamelot.com/" indices=#<Hashie::Array [0, 23]> url="https://t.co/hBmPSibYjc">]>>> favourites_count=0 follow_request_sent=false followers_count=7 following=true friends_count=40 geo_enabled=false has_extended_profile=true id=777711678167277568 id_str="777711678167277568" is_translation_enabled=false is_translator=false lang="en" listed_count=0 live_following=false location="New Zealand" muting=false name="crzdkwi" notifications=false profile_background_color="000000" profile_background_image_url="http://abs.twimg.com/images/themes/theme1/bg.png" profile_background_image_url_https="https://abs.twimg.com/images/themes/theme1/bg.png" profile_background_tile=false profile_banner_url="https://pbs.twimg.com/profile_banners/777711678167277568/1474340301" profile_image_url="http://pbs.twimg.com/profile_images/778065804801679361/0AVrKvT_normal.jpg" profile_image_url_https="https://pbs.twimg.com/profile_images/778065804801679361/0AVrKvT_normal.jpg" profile_link_color="ABB8C2" profile_sidebar_border_color="000000" profile_sidebar_fill_color="000000" profile_text_color="000000" profile_use_background_image=false protected=false screen_name="crzdkwi" statuses_count=4 time_zone="Wellington" translator_type="none" url="https://t.co/hBmPSibYjc" utc_offset=46800 verified=false], #<OmniAuth::AuthHash blocked_by=false blocking=false contributors_enabled=false created_at="Thu Sep 10 22:44:01 +0000 2015" default_profile=false default_profile_image=false description="Community news for #PokemonGO worldwide. Not affiliated with Nintendo, The Pokémon Company, or Niantic Labs. Contact our team: business@pokemongo.news" entities=#<OmniAuth::AuthHash description=#<OmniAuth::AuthHash urls=#<Hashie::Array []>> url=#<OmniAuth::AuthHash urls=#<Hashie::Array [#<OmniAuth::AuthHash display_url="facebook.com/pokemongo.news/" expanded_url="http://www.facebook.com/pokemongo.news/" indices=#<Hashie::Array [0, 23]> url="https://t.co/ZQhDiCpj">]>>> favourites_count=793 follow_request_sent=false followers_count=972889 following=true friends_count=82 geo_enabled=false has_extended_profile=false id=3520122318 id_str="3520122318" is_translation_enabled=false is_translator=false lang="en" listed_count=1281 live_following=false location="" muting=false name="Pokémon GO News" notifications=false profile_background_color="000000" profile_background_image_url="http://abs.twimg.com/images/themes/theme1/bg.png" profile_background_image_url_https="https://abs.twimg.com/images/themes/theme1/bg.png" profile_background_tile=false profile_banner_url="https://pbs.twimg.com/profile_banners/3520122318/1482447772" profile_image_url="http://pbs.twimg.com/profile_images/807480679566979072/VnDNey32_normal.jpg" profile_image_url_https="https://pbs.twimg.com/profile_images/807480679566979072/VnDNey32_normal.jpg" profile_link_color="DD2E44" profile_sidebar_border_color="000000" profile_sidebar_fill_color="000000" profile_text_color="000000" profile_use_background_image=false protected=false screen_name="PokemonGoNews" statuses_count=1398 time_zone="Central Time (US & Canada)" translator_type="none" url="https://t.co/ZQhDiCpj" utc_offset=-18000 verified=false], #<OmniAuth::AuthHash blocked_by=false blocking=false contributors_enabled=false created_at="Fri Oct 03 22:04:17 +0000 2014" default_profile=true default_profile_image=false description="Step outside and discover @Pokemon in the real world! Follow for official updates. Get up and GO!" entities=#<OmniAuth::AuthHash description=#<OmniAuth::AuthHash urls=#<Hashie::Array []>> url=#<OmniAuth::AuthHash urls=#<Hashie::Array [#<OmniAuth::AuthHash display_url="pokemongo.com" expanded_url="http://www.pokemongo.com" indices=#<Hashie::Array [0, 23]> url="https://t.co/WjeReR0qiP">]>>> favourites_count=6 follow_request_sent=false followers_count=2210329 following=true friends_count=16 geo_enabled=false has_extended_profile=false id=2839430431 id_str="2839430431" is_translation_enabled=false is_translator=false lang="en" listed_count=3050 live_following=false location="" muting=false name="Pokémon GO" notifications=false profile_background_color="C0DEED" profile_background_image_url="http://abs.twimg.com/images/themes/theme1/bg.png" profile_background_image_url_https="https://abs.twimg.com/images/themes/theme1/bg.png" profile_background_tile=false profile_banner_url="https://pbs.twimg.com/profile_banners/2839430431/1487202538" profile_image_url="http://pbs.twimg.com/profile_images/750741005175959552/c6fEtZ4_normal.jpg" profile_image_url_https="https://pbs.twimg.com/profile_images/750741005175959552/c6fEtZ4_normal.jpg"]

**Full Twitter functionality!**

After parsing the hash and refining the database, Twitter suggestions can now be presented in a unified way.

Niantic

Twitter



Developer/Publisher of @Ingress and @PokemonGOapp. Encouraging people to explore the real-world.

702667 followers**3 of your friends like this**

BASED ON YOUR LIKES

Codecademy

Twitter



The easiest way to learn to code.

408706 followers**9 of your friends like this**

BASED ON YOUR LIKES

Anna Kendrick

Twitter



Pale, awkward and very very small. Form an orderly queue, gents.

6173542 followers**11 of your friends like this**

BASED ON YOUR LIKES



Full YouTube and Facebook functionality!

All necessary data can be pulled and presented properly from YouTube and Facebook!



Customize Feed Account Sign Out



Welcome back, Ian McKenzie

Medium Rare Interactive Inc.



Facebook



Medium Rare is an award winning interactive design and development studio founded in 2005.

157 followers

2 of your friends like this

BASED ON YOUR LIKES

Sigils Comic



Facebook



SIGILS is an independent fantasy-genre graphic novel series created on Vancouver Island, Canada. Crowdfunding for Chapter 1 is planned for June 2017.

88 followers

1 of your friends like this

BASED ON YOUR LIKES



Customize Feed Account Sign Out



Welcome back, anoxae

ElectroPosé

Youtube



Electro Posé - Inside Your Minds • Deep House • Chillwave • Nu Disco • Lounge music • Indie • Pop • Minimal • Spotify: <http://spotify.com/electropose> Facebook: <https://facebook.com/electropose> Soundcloud: <https://soundcloud.com/electropose> Youtube: <http://youtube.com/user/electropose1> Twitter: <https://twitter.com/electropose> Tumblr: <http://electropose.tumblr.com/> ----- You are an artist and want your work to be removed from our channel? You want to contact us for business inquiries? Please email us: contact@electro-pose.com You want to submit your track? Please email us: submission@electro-pose.com • Inside Records <https://www.facebook.com/insideRecordsLabel> email us: insiderecords@electro-pose.com

777089 followers

5 of your friends like this

BASED ON YOUR LIKES

MrSuicideSheep

Youtube



On this channel you will find a wide variety of different electronic and sometimes non-electronic music. I strive to find the best and most enjoyable music for you guys. I hope you have a good time here :) Please submit your music here: <http://submit.mrsuicidesheep.com/>

6348450 followers

13 of your friends like this

BASED ON YOUR LIKES

Chillhop Music

Youtube



Kick back and relax with Chillhop! We strive to combine the best in Chilled Hip-hop, Triphop and Jazzhop to create the best chillout experience for you guys. We hope you enjoy our content! :) PLAYLISTS / MORE MUSIC (SPOTIFY ETC) Check out our website for tons of more music, including Spotify playlists, as well as an overview of all mixes with free download links. <http://chillhop.com> SUBMITTING MUSIC We constantly strive to find new music from unknown Chillhop producers. If you believe your music should be heard by our 100k+ fans, submit your track here: <http://www.chillhop.com/submit/> ADDITIONAL CHANNELS Radio channel: <http://www.dl.fm/chillhop> Facebook: <http://www.facebook.com/chillhop> SoundCloud: <http://www.soundcloud.com/chillhopdotcom> Peace

453677 followers

2 of your friends like this

BASED ON YOUR LIKES



Simultaneous Social Logins

After various trial and error, Ian had eventually submitted to doing it 'the wrong way' to get things working. Fortunately, doing it the wrong way helped him to figure out 'the right way!'

As of this writing (3/26), Stridr can interact with multiple social APIs for a single user at the same time. Previously, once you logged in with a platform, Stridr could only pull data for that single platform and associate the social data with the user from that single platform.

Another big break-through to having a fully functional application from its designed intent!



Pinterest Token: ASn1Mz2iKb623k7uqCdyg73LfjJLFK-av44wdnFD4zhS04A_9AAAAAA

Google Token: 1/y1uFL-uZF-5U8qtS12o8nUYk2m08GxSzizNe8133xcU

Facebook Token:

EAAXVOUfed8oBAJs9yoBGMUxaiRs99RHvPjZQAQ1ITK7BJT6Ak4Yrw1l6ZCzJnOwnxVWE34xZ

Twitter Username: ianrandmckenzie



Welcome back, Ian McKenzie



Connect your Pinterest



Sign in with Facebook



Sign in with Twitter



Sign in with Google



Full Pinterest functionality!

This one was tough. While we assume that ALL social APIs require their developer users to run HTTPS in production, Pinterest also requires developers to have an SSL certificate on their localhost. This resulted in quite a bit of time engaging in trial and error, and a truckload of exasperation.

Pinterest had an interesting side effect of stimulating Ian to figure out simultaneous logins. Because Ian's original social connection required an email, he had to figure out a different way of doing things since Pinterest doesn't provide developers with a user's email, even with a full scope of permissions.

Pom Graphic Design

Pinterest



Graphic Designer & Fine Arts Artist - "My greatest inspiration is nature and it's spiritual and magical world within it" www.facebook.com/PomGraphicDesign

2355 followers

6 of your friends like this

BASED ON YOUR LIKES

Jo ChunYan - Intuition Coach & Graphic Designer

Pinterest



Intuition Coach + Graphic Designer : Consciousness, Connectedness & Intuition. The Intuition Collective - a FREE RESOURCE LIBRARY @ jochunyan.com

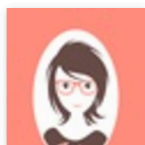
3448 followers

1 of your friends like this

BASED ON YOUR LIKES

Graphic Designer & Illustrator

Pinterest



5265 followers

6 of your friends like this

BASED ON YOUR LIKES



Full Tumblr functionality!

After figuring out four other social APIs, and having access to a platform supported interface for accessing their API in Ruby, Tumblr was, by all comparison, a breeze.

There was a special consideration, to make, however. Tumblr has pages that are considered “nsfw” – Not Safe For Work. i.e., pornography. Thankfully, Tumblr’s API has data to flag these pages. Stridr has functionality to omit NSFW pages from its database. The amusing part is that in order to test and ensure an NSFW page isn’t added, we had to find and follow an NSFW page. In essence, part of our school homework was to look up pornography.

MIND OVER MATTER

Tumblr



I created this blog because I want to express myself in form of art, photography, quotes etc.

5 of your friends like this

BASED ON YOUR LIKES

TheDrunkNerd

Tumblr



drinking, weight lifting, website design, application development - thats me

7 of your friends like this

BASED ON YOUR LIKES

Women of Graphic Design

Tumblr



A project focused on exhibiting the contributions of women in graphic design and exploring issues of gender-equality in education provided by design institutions.

13 of your friends like this

BASED ON YOUR LIKES



Accounts Connection Page

After resolving simultaneous logins, Taylor has implemented an amazingly professional looking, simple layout for connecting social pages to Stridr. The icons/names link to an authentication redirect. Once the user model is updated with the appropriate token, the view shows a confirmation icon that the social account is connected.

[Accounts](#)[Settings](#)[Sign Out](#)

Accounts

You can link your other social media accounts to Stridr to increase the amount of content in your feed! You can toggle what platforms are visible in the feed using the toggle menu in the navigation.



Facebook



Instagram



Pinterest



Tumblr



Twitter



YouTube (via Google)





Settings Page

The options for account settings are available to users who want to change their details or delete their account.

[Accounts](#)[Settings](#)[Sign Out](#)

Edit Profile

You are already signed in.

Username

Email

Password *(leave blank if you don't want to change it)*

6 characters minimum

Password confirmation

Current password *(we need your current password to confirm your changes)*

Unhappy with your experience?

[Delete Account](#)



Filtering the feed

Filtering options for the feed have been added so that users may omit suggestions from social platforms they're not interested in. Again, a simple, straight-forward layout.



Filter ▼ Accounts Settings Sign Out



NASA New Horizons

Twitter



The New Horizons spacecraft, launched in 2006, flew past the icy dwarf planet Pluto and its moons in July 2015.

320598 followers

1 of your friends like this

BASED ON YOUR LIKES

Codecademy

Twitter



The easiest way to learn to code.

410750 followers

1 of your friends like this

BASED ON YOUR LIKES

Pete Holmes

Twitter



Comedian Pete Holmes. The Pete Holmes Show. You Made It Weird podcast. HBO series Crashing airs Sunday nights at 10:30pm!

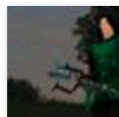
307399 followers

2 of your friends like this

BASED ON YOUR LIKES

crzdkiwi

Twitter



Knight of the Round Table, Dark Age of Camelot

7 followers

12 of your friends like this

BASED ON YOUR LIKES

Pokémon GO News

Twitter



Creating Mockup Data / Testing Recommender

After a full Sunday running late into the night, a recommender prototype was successfully created using data objects automatically generated simply with id numbers and names using the Faker ruby gem. This code was copied over to Stridr. At present, there is no way to test the recommender with the scale of data necessary to get the recommender working properly.

Attempts were made to create mockup data by pulling all of the likes/follows of the user that authenticates the app. Due to data rate limits and privacy settings for each platform, it is currently not possible to generate fake profiles with real data on the scale necessary for proper testing.

Twitter::Error::Forbidden in Users::OmniauthCallbacksController#twitter

Your credentials do not allow access to this resource

Extracted source (around line #391):

```
389     end
390
391     twitter_users = twitter_client.friends(mockup_user.twitter_username).to_h
392
393     @new_pages = []
394
```

Rails.root: /Users/ianmckenzie/workspace-ruby/Stridr

[Application Trace](#) | [Framework Trace](#) | [Full Trace](#)

```
app/controllers/users/omniauth_callbacks_controller.rb:391:in 'add_twitter_likes_for_mockup'
app/controllers/users/omniauth_callbacks_controller.rb:223:in 'block in add_twitter_likes'
app/controllers/users/omniauth_callbacks_controller.rb:222:in 'each'
app/controllers/users/omniauth_callbacks_controller.rb:222:in 'add_twitter_likes'
app/controllers/users/omniauth_callbacks_controller.rb:109:in 'twitter'
```

Request

Parameters:

Yt::Errors::Forbidden in Users::OmniauthCallbacksController#google_oauth2

A request to YouTube API was considered forbidden by the server: {"error"=>{"errors"=>[{"domain"=>"usageLimits", "reason"=>"dailyLimitExceededUnreg", "message"=>"Daily Limit for Unauthenticated Use Exceeded. Continued use requires signup.", "extendedHelp"=>"https://code.google.com/apis/console"}]}, "code"=>403, "message"=>"Daily Limit for Unauthenticated Use Exceeded. Continued use requires signup."}} You can retry the same request manually by running: curl -X GET -H "content-length: 0" -H "user-agent: Yt::Request (gzip)" -H "host: www.googleapis.com" "https://www.googleapis.com/youtube/v3/channels?forUsername=&part=id"

Extracted source (around line #352):

```
350     @new_pages = []
351
352     youtube_client.subscribed_channels.each do |channel|
353       @new_pages << {
354         :page_name => channel.title,
355         :follow_count => channel.subscriber_count,
```

Rails.root: /Users/ianmckenzie/workspace-ruby/Stridr

[Application Trace](#) | [Framework Trace](#) | [Full Trace](#)

```
app/controllers/users/omniauth_callbacks_controller.rb:352:in 'add_youtube_likes_for_mockup'
app/controllers/users/omniauth_callbacks_controller.rb:153:in 'block in add_youtube_likes'
app/controllers/users/omniauth_callbacks_controller.rb:152:in 'each'
app/controllers/users/omniauth_callbacks_controller.rb:152:in 'add_youtube_likes'
app/controllers/users/omniauth_callbacks_controller.rb:48:in 'google_oauth2'
```

Request

Parameters: