

[Platform](#) [Login](#) [Register](#)

Welcome to Platform

Track your social media.

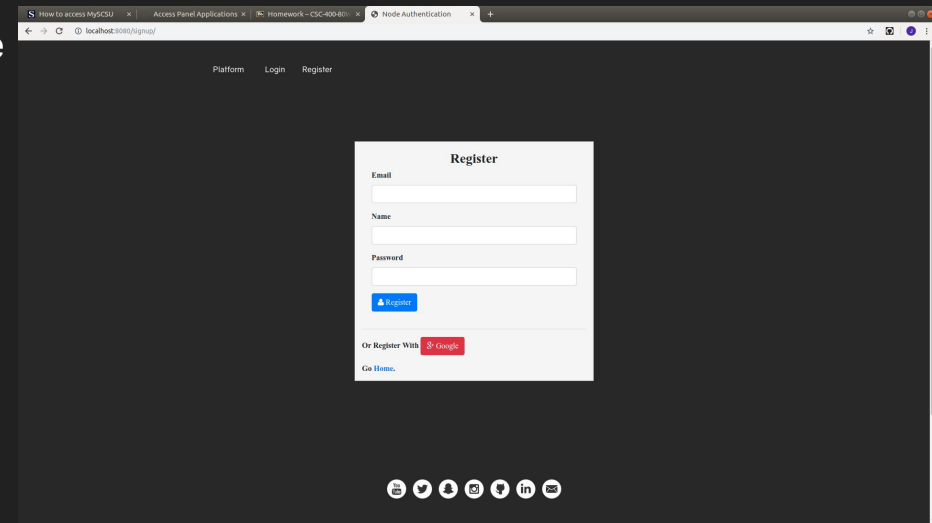
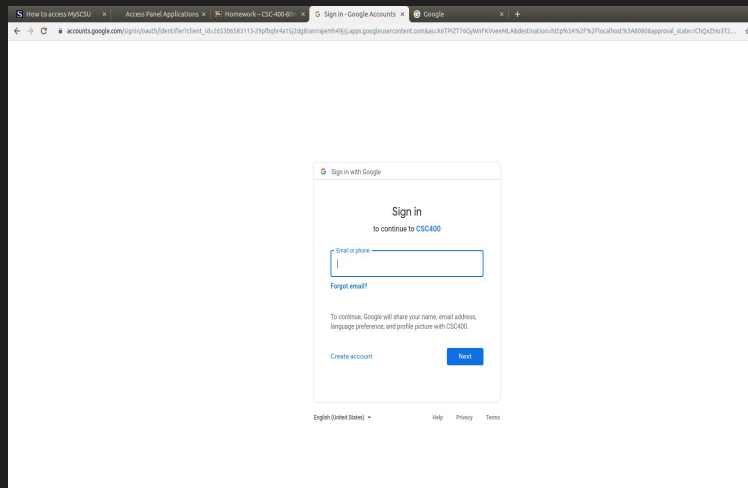
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By Jason Anrico

The Goal

- Website to manage all of your social media in one place
 - I.e (Twitter, Twitch, Youtube, Facebook, Github)
- Profile (Creating Account)
 - Local Account with username (passport-local)
 - Or Login with Google+ (passport-google-oauth)
- Explore API's
- Expected Deliverable:
 - Deployed Website



Motivation / Needs

- Youtube / Twitch
- People use these platforms daily
- What if they all came together
- Fullstack Web Development (Nodejs)
 - Server / Client Programming
 - HTML / CSS
 - Javascript



Target Audience:

- Content Creators / Streamers
- Growing Brands
- Entertainment Consumers

User Profile

4

Subscribers

144

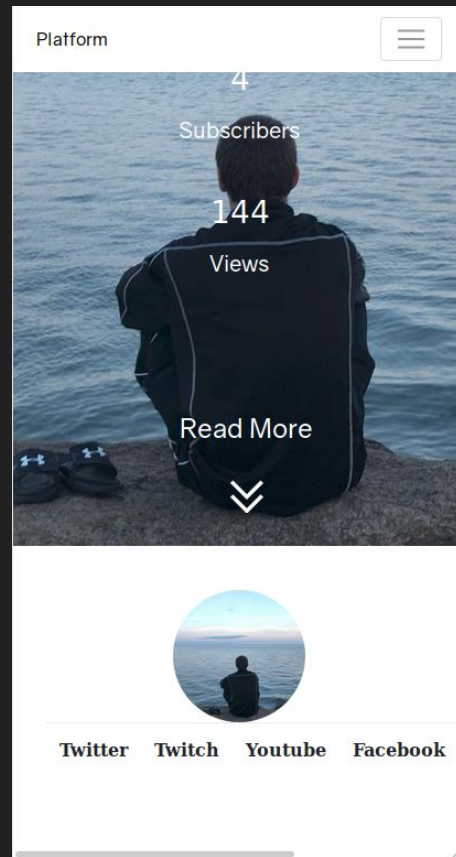
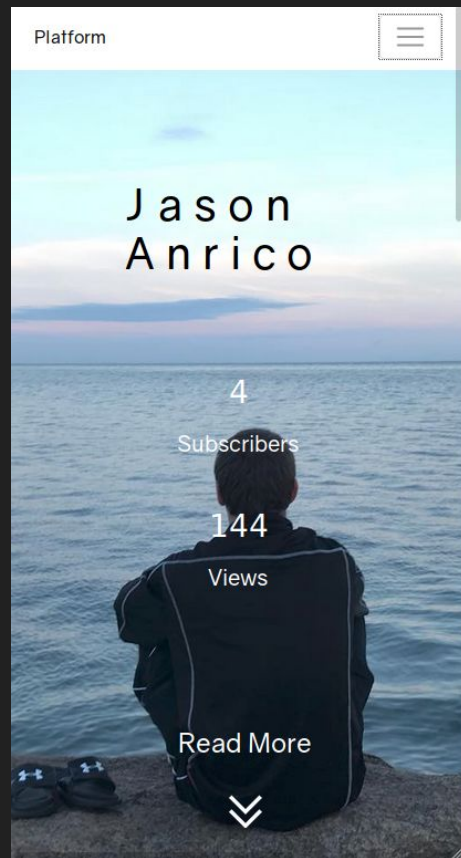
Views

- A Header Photo (for upload)
- Profile Picture (for upload)
- Recent news feed posts
- Sub navbar (Linked Accounts)

[Read More](#)[Twitter](#)[Twitch](#)[Youtube](#)[Facebook](#)[Instagram](#)[Github](#)

Responsive Web Design

Getting device width + height



Public / Private Accounts

You can choose to have a public or private account.

Public 🔓

Accounts will not require you to request to follow and anyone can view your profile

Private 🔒

Accounts will need a follow request to be accepted and your account is only viewable to people who are following you

Extras

- Realtime Feed
- SMS (Direct Messages)
 - Socket Programming
- Notification System

Tools and Methods

Nodejs

- npm
- Javascript
- nodemon (development)

Framework

- Express
- Express-session
- View-Engine - ejs
- Bootstrap
- HTML/CSS

Database

- MySQL

Passport

- passport-google-oauth
- passport-local
- passport-twitch

API's

- Youtube API v3
- Github API v3
- Google +
- Facebook
- Twitch API v5
- Twitter
- Instagram

Hosting

- Google Cloud

Dependencies (package.json / node_modules)

```
npm install express --save
npm install ejs --save
npm install cookie-parser --save
npm install express-session --save
npm install request --save
npm install request-promise --save
npm install morgan --save
npm install mysql --save
npm install body-parser --save
npm install passport --save
npm install connect-flash --save
npm install passport-google-oauth --save
npm install passport-local --save
npm install passport-facebook --save
npm install passport-twitch
npm install uuid --save
npm install bcrypt --save
npm install twitter --save
```

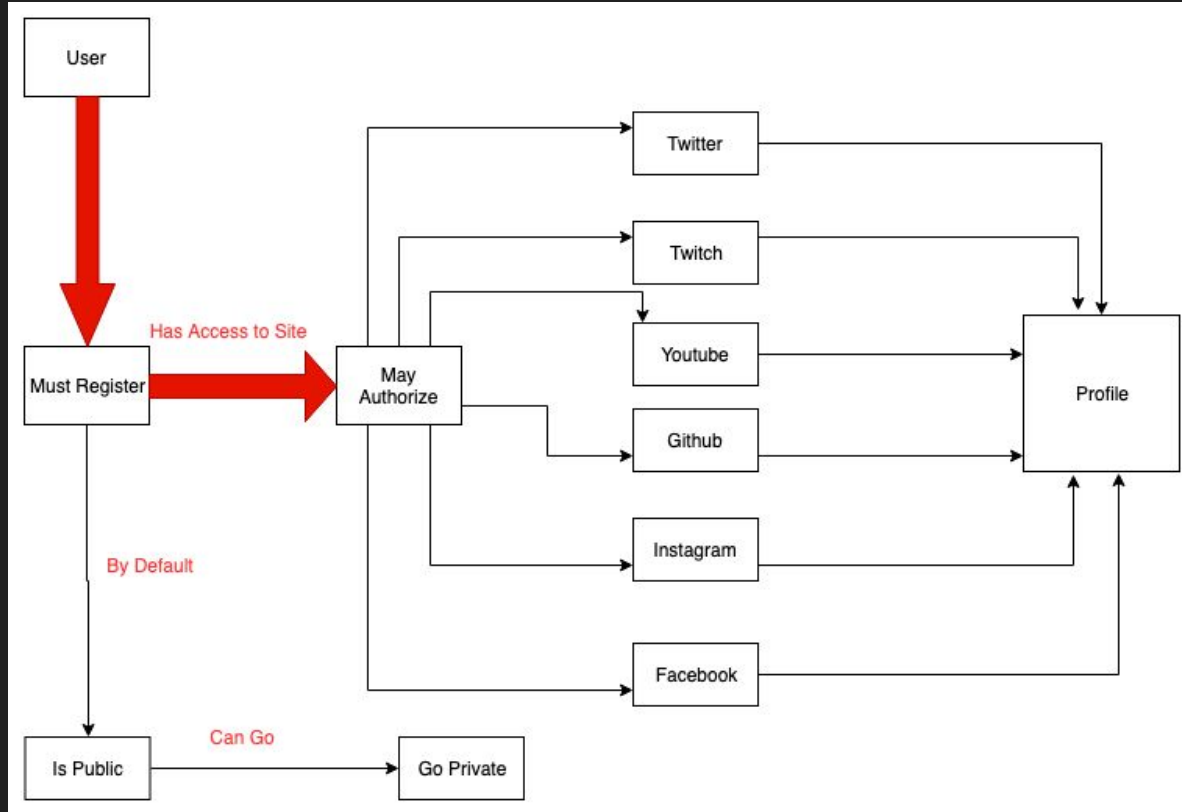
API's (Usage)

- User Must Login to accounts they want linked (verification / authorization and consent)
- Each API will gather generally the same information
 - i.e (friends / followers count, posts, likes, shares, bio, uploads, streams, username, name, etc.)
- For each account that is linked, it will appear on your profile.

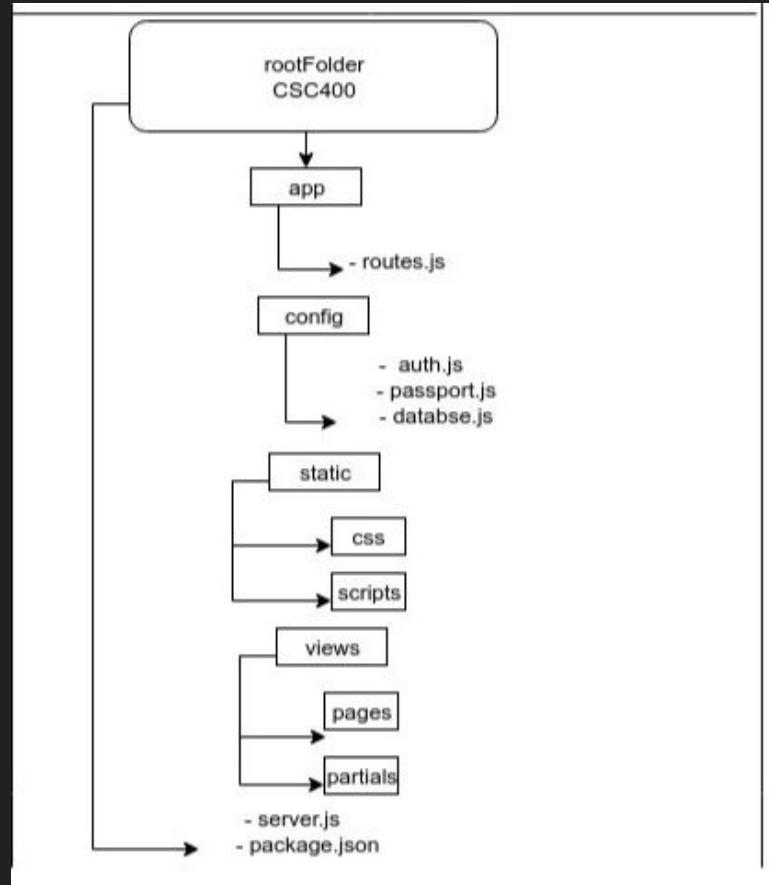


Example api response

Concept (Visual)



File Structure



Challenges / Solutions

- At first i didn't know much about Nodejs and I still am no expert.
- Challenging deciding what database model to use.
 - I had seen examples using mongodb and it just seemed unintuitive to me.
 - I decided on MySQL Server which is my preferred SQL syntax.
- The passport documentation was super helpful for logins / registering users.

```
jasonanrico@jason-desktop: ~  
File Edit View Search Terminal Help  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> USE Test;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> DESCRIBE User;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| id | varchar(200) | NO | PRI | NULL | |  
| token | varchar(200) | YES | | NULL | |  
| name | varchar(200) | YES | | NULL | |  
| email | varchar(200) | YES | | NULL | |  
| password | varchar(200) | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
5 rows in set (0.00 sec)  
  
mysql> 
```

I currently only have one table for Users.