**notes:**

may have to do git remote set-url origin <https://github.com/your/repository> everytime you use diff repo idk tho

**General notes**

-backend is the auth-server

-front end is the react app but only whats in the public folder will be public.

will have to see if I can keep client secrets where they are (have to not be visable to user, big danger).

- App.js is where the main react app is

-you should not be using sudo with git unless have too

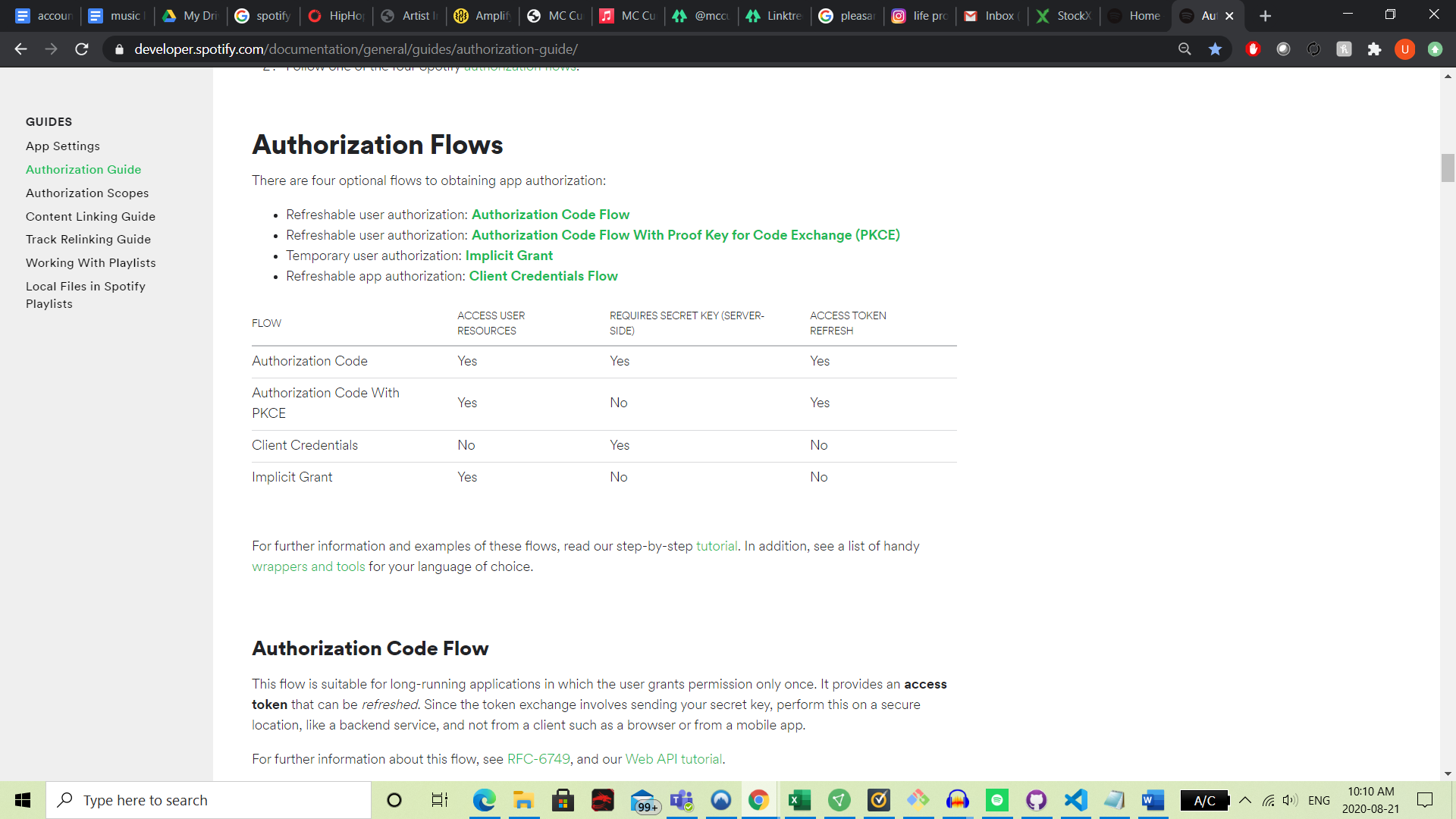
**Package.json:**

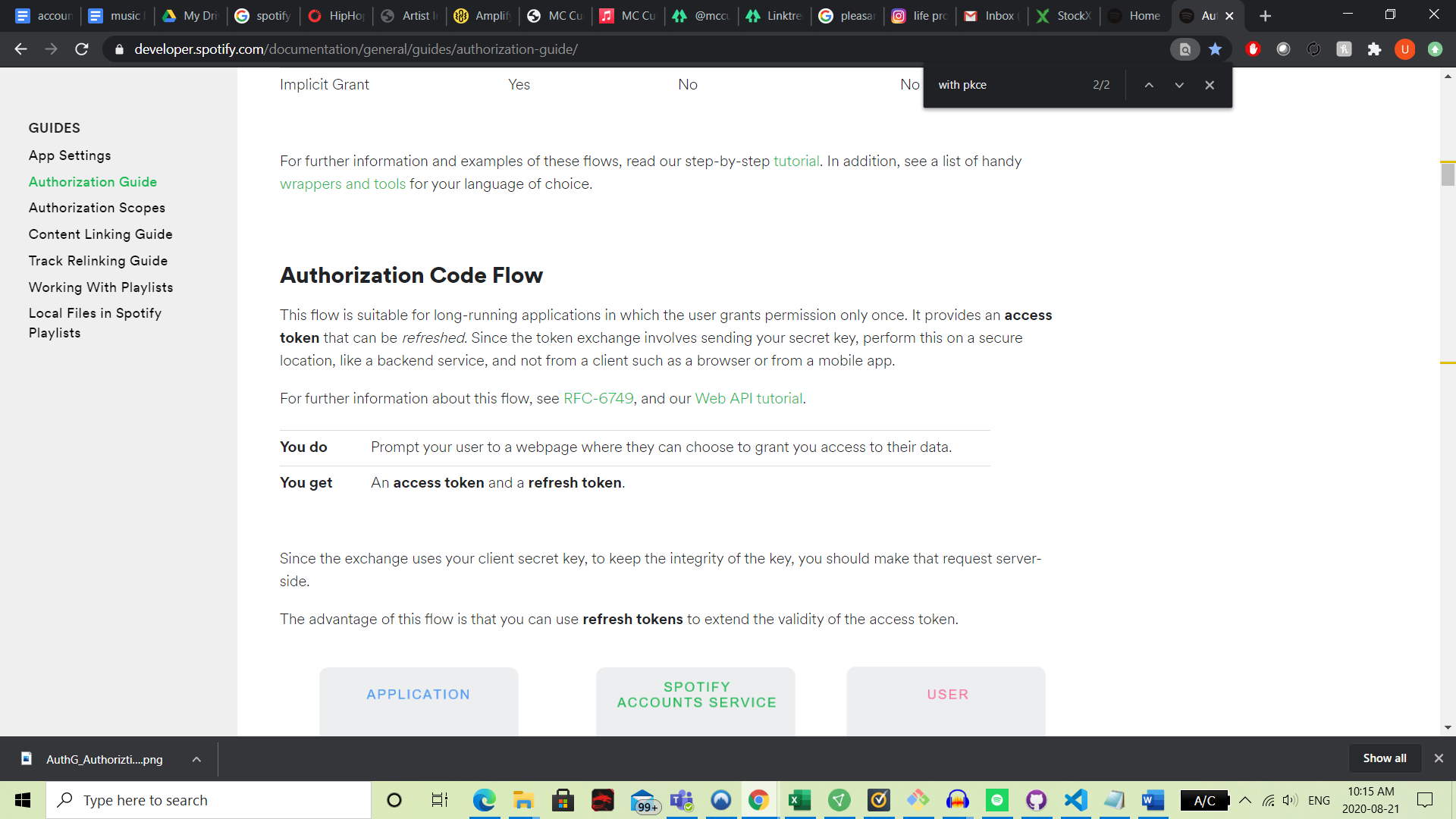
* Declares the dependances to be installed and sets up the project basic info and scripts.

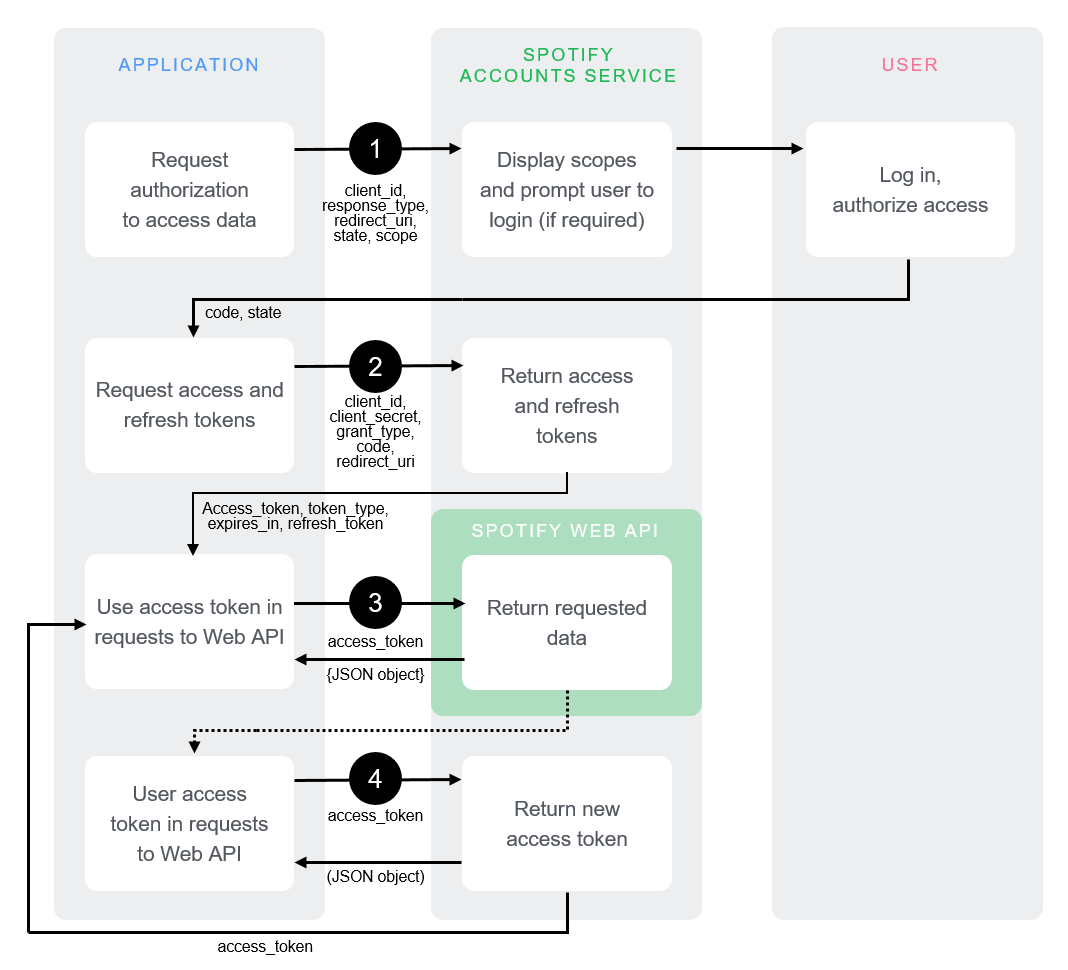
**Auth-server:**

<https://developer.spotify.com/documentation/general/guides/authorization-guide/> explained

* I will be using refreshable user authorization (authorization code flow) so the user can grant the application permission one time and it provides an access token that can be refreshed.









-auth-server has client id and secret for my spotify api app and a redict url to localhost which is where is where it will send

the information to after it gets token.

- whatever is in scope is what the application requests to get.

- when app gets /callback it requests the access token and a refresh token after checking the states parameters

- refresh token extends how long the access token is valid and the access token is passed back through the end of the url of the localhost:3000

// we can also pass the token to the browser to make requests from there

res.redirect('https://matthewcurtis4.github.io/myapp/#' +

querystring.stringify({

access\_token: access\_token,

refresh\_token: refresh\_token

}));

After it gets the token this is where it should redirect. Not sure right now if its meant to be that or localhost:3000/#

(pretty sure it is meant to be local host 3000)

See image for flow of auth

**WHILE DESIGNING STUFF BEFORE HEROKU SWITCH**

- authorization\_code is the public folder and is the web root. Application user does not haev <i class="fa fa-universal-access

to any files outside this folder

- app.js file contains all the main code for the application.

contains info like

Creating a server on your local machine

Handling the user login request

Specifying the scopes for which authorization is sought

Performing the exchange of the authorization code for an access token

Calling the Web API endpoint

contains the client id secret and redirect uri. (TO TRY OUT APP ADD IN YOUR CREDENTIALS)

- sudo npm install -g express

- use sudo to install globally

like sudo npm install -g npx

- use --force to override previous installations for npm npx etc

https://github.com/JMPerez/spotify-web-api-js

npm run build

**DURING HEROKU SWITCH**

- if a folder has .gitignore that means that it is a git repository.

**POST HEROKU SWITCH**

**WHAT I HAVE LEARNED:**

-node.js

-npm

-react app

- I should fully plan things out lnog run before starting. For example,

how I had to change where I was hosting it from github to heroku etc.

- setting up libaries is half the battle

-m in commit means message

-checks to make when making new repo (CHECK USERNAME AND PASSWORD) <https://docs.github.com/en/github/using-git/setting-your-username-in-git>

**BASIC SETUPS:**

1. How to push project to github

https://www.datacamp.com/community/tutorials/git-push-pull

2. how to get react app to Heroku

<https://medium.com/better-programming/how-to-deploy-your-react-app-to-heroku-aedc28b218ae>

git clone https://curtim7:PASSWORDHERE@gitlab.cas.mcmaster.ca/se\_2xb3\_lab\_l01\_group4/final-project.git