Work Log

* Created public GitHub repository online
* Signed up for free account for TMDB API
* Installed Visual studio code
* Linked Visual studio code with GitHub repository.
* Installed GitHub for desktop to handle commits and push/pulls.
* Watched quick review video of Agile
* Watched [Quick video](https://www.youtube.com/watch?v=pU9Q6oiQNd0&ab_channel=LearnCode.academy) on NodeJS and Express embedded web server for back end, notes are in notes section below.
* Installed NodeJS and Express for back-end
* Followed [tutorial](https://expressjs.com/en/starter/hello-world.html) on NodeJS and Express for first “Hello World” document.
  + I could not get Local Host to load (see screenshot). I was able to get “Hello World” to display to the console window. So I am currently uncertain if it is a problem with the code, my installation, or my computer’s network. I increased my network preference to be even more loose (allowing others to access it). No change. I looked at a few articles online to see if there was another start up tutorial, but the two I found in the short time I researched were essentially the same. I put starting up the server on hold to move on to other tasks.
  + I added my comments to prepare for writing Pseudocode on the back-end.
* Quick review of [JavaScript on W3Schools](https://www.w3schools.com/js/default.asp)
* [Installed Vue.js (direct include in HTML)](https://vuejs.org/v2/guide/installation.html)
* [Installed NuxtJS](https://nuxtjs.org/docs/2.x/get-started/installation/) manually
* Created empty HTML and CSS document. Will determine if vue.js will be only JavaScript file included, though I imagine I would create my own as well.
* After making changes above, realized that GitHub had 20,000+ changes to commit. I need to research if the node-modules folder for npm needs to be included in the GitHub repository. I could see it going either way. If someone wants to download and use my code, they would likely need it, but I am not certain and will need to research that.

I have reached my 4 hour maximum on this project (which includes GitHub Repository setup, installation of frameworks, review videos and websites, and debugging why Local Host would not load).

Notes on NodeJS:

* NodeJS – typically JavaScript can only run on a web browser. This allows it to run on the computer.
* This allows for all kinds of access to the computer resources
* Helps with HTTP requests (that was in the requirements)
* There are essentially two flavors, and Express Framework is for WebService. Installation is done after NodeJS is installed.
* Differences between NodeJS and Traditional Javascript
  + No Window object. Use Global.
  + JavaScript is tied to an HTML document. NodeJS is tied to a process.

Continued work after turning in Project

* Researched how to start a new branch in GitHub.
* Finished commenting the HTML document.
* Added additional comments to prepare for the pseudocode on the back-end. As I started to work on the Pseudocode for the TMDB API call, I signed up for Postman.