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).

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.
* Followed short tutorial on HTML forms
* Created bare-bones search form on HTML document

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.