Richard Mackenzie Geotab Challenge 23/01/2021

## **Code Changes**

## JsonFeed.CS

- 1. Added logic to support custom amount of jokes, I use the amount of jokes specified by the user to setup the array length, I then loop though the logic that makes the API call to the joke server and store each result into the array. I also edited the layout of how the results are displayed so the jokes are easier to read.
- 2. Cleaned up concatenation on the URL query string for the GetRandomJokes method
- 3. Fixed API endpoint for joke categories, /jokes/categories was missing
- 4. Cleaned up how the categories are returned by parsing the JSON
- 5. Added in some try catch errors for the API calls

## **Program.cs**

- 1. Created method (getJokeAmount()) to handle the joke amount input, also added in some validation to ensure the user enters in the required value. Also added in some logic that will ensure the rage of 1-9 is used along with displaying message to the user if they have entered in a value outside of that range.
- 2. Added a few \n to improve readability of displayed messages to the console
- 3. Adding in missing user input for joke category logic
- 4. Fixed answering Y/N for random for or category joke
- 5. Created method (GetUserNames()) to ask for and get the users name
- 6. Added in option to guit out application at the end of each joke
- 7. Updated initial menu that is displayed when you run the application
- 8. Added logic to display error message if invalid joke selection is made

## General

- 1. Renamed solution folder
- 2. Added comments for all the methods and classes

