FULL STACK DEVELOPER – 1 – FINAL PROJECT
DUE DATE – September 29, 2019

Your final project – is to create a single page web application using HTML, CSS, and Javascript. Here are the required technical parameters for your page:

1) Use of Javascript listeners and handlers to enable interactivity of some sort, producing some desired effect.

2) Use of Javascript libraries (one or many) that aid in the coding of your app.

3) Use of a CSS library/framework that aids in the styling of your app.

4) Use of Ajax calls to an API, where the returned data may be displayed in your app.

5) Use of Git and Github to track code changes and upload your project. Include a README.md that describes your project and how to load it (if any steps required).

Projects will be evaluated based on the following aspects:

a. HTML – proper use of HTML and Valid tags [10%]

b. CSS/UX/Design – proper use of CSS or a CSS framework to achieve a user friendly design and presentation of the apps functionality [includes the overall look of the project, useability & appropriate information so the user can understand the functionality][20%]

c. Javascript – using appropriate JS and adhering to good programming principles – specifically, well structured and easily readable/understandable code – and adherence to core programing principles such as DRY (do not repeat yourself). [30%]

d. Successful communication with the API and display of data in the html app. [20%]

e. Git – appropriate use of git for developing your projects features [Note: If you're working with a partner, you'll need to show git commits from each partner – we will want to see that each partner has coded at least 1 feature, both partners will lose 15% if the git commits don't demonstrate this. For individuals working alone, your git commit history should demonstrate the use of feature branches.][15%]

f. Bonus 5% - connect to a smart contract or user's balance metaMask balance [5%]

6) Deadline for the project will be September 29, 2018 and projects should be submitted by emailing a zip file of your project to: michael.teixeira@georgebrown.ca,

[IN THE ZIP FOLDER STUDENTS SHOULD INCLUDE – A README.md or README.txt FILE WHICH INCLUDES THE FOLLOWING:

1) **The names of the users who created the projects**
2) **An description of the project, including operating instructions for testing the functionality**

** This shouldn't delay you in getting started in planning and mocking up or completing your App. If you would like a head start on learning about API's – and web app communication - you can review this information in Chapter 18 of Eloquent Javascript – which is covered here http://eloquentjavascript.net/18_http.html