Brian Griffin Real Estate

Introduction

Brian Griffin Real Estate is the name of my Final Project for the CSIS-1280-003 Spring 2021 semester. A client facing website about a Real Estate Agent, inspired by my dad who is an actual Real Estate Agent. The character, Brian Griffin is a character inspired by the show, Family Guy – he plays the role of a satirical Real Estate agent in one of the series’ episodes.

This project consists of 9 HTML files, 4 CSS files, and 3 JavaScript files. The biggest theme that I wanted to portray in this project is uniformity. You will notice that every page has the exact same header image that says, “Brian Griffin Real Estate”, nav and a “Contact Us” button. All of that is wrapped with a calming background of the lavender color. The body of every webpage in this project has a very faint yellow colored background. I chose NOT to use border boxes and box shadows because they interfered with the aesthetic I was trying to show. Also, every page uses only 1 type of font-family, which is, Cambria and a font-size of 18px (with the exception of the dark blue colored h1, h2, h3, etc).

The header image is coded in a way where whenever you click it, it brings you to the home page. The navs are very straight-forward – each object you click on, brings you to the corresponding webpage. The Contact Us button, whenever clicked, triggers the contactUs() script function which is coded at the bottom of almost every html file. The contactUs() function displays an alert with the contact information of Brian Griffin, and his operating hours. Once you dismiss the alert, it automatically brings you a Gmail template ( with an e-mail inquiry ready to be sent to: [RE@briangriffin.ca](mailto:RE@briangriffin.ca). There is also another Contact Us button only on the homepage that does the same thing.

The main 4 webpages are accessible through the nav. However, there are 5 other webpages that are not in the nav. These webpages are linked to the “Neighbourhoods” webpage and display a brief description of properties in each of the major lower mainland localities – linked within the “Neighbourhoods” webpage.

\*\*\*Most images used in this project were edited by me on my computer. Whichever images I got from online sources are linked in the HTML/CSS files and I will also link them again in the references page. All written word, and code were written from scratch by me.

SITE MAP

ABOUT FILES

Home.html:

This is my home page. This page is a brief welcome to the website. In the welcome paragraph, there are two things to note. It has two underlined keywords: “me” and “testimonials”.

* When “me” is clicked, it triggers the contactUs() script and opens up a Gmail template to send an e-mail to [RE@briangriffin.ca](mailto:RE@briangriffin.ca).
* When “testimonials” is clicked, it opens up testimonials.html.

As we scroll down, I have displayed 3 “Featured Listings of the Week” which shows 3 pictures of random houses listed by Brian Griffin. I created and edited these images on my own. The descriptions were real and found on <https://www.rew.ca/>. When you hover the mouse over the image, it does a rollover effect which shows an image of the description of the listed house. I did want to link these images to a real house for sale listing, but the Real Estate Act of BC does not allow me to advertise another realtor’s listing without their consent. Even when it’s for an assignment purpose.

Underneath that, there is a picture of said, Brian Griffin and some “About Me” information about him to give the website a human touch.

“home.css” is the file used to create the major designing of this page. All small styles are coded into the html.

“home.js” is the JavaScript file used to create the contactUs() script used on this webpage.

Neighbourhoods.html:

This is the second file of my project which is labelled as “Neighborhoods” in the nav. This is the webpage that contains the link to the 5 html files that aren’t displayed in the nav. These files are a brief description of the localities that are the main focus of Brian Griffin’s Real Estate work.

This file includes:

* Vancouver.html: a brief description of Real Estate projects in Vancouver.
* Burnaby.html: a brief description of Real Estate projects in Burnaby.
* Coquitlam.html: a brief description of Real Estate projects in Coquitlam.
* Surrey.html: a brief description of Real Estate projects in Surrey.
* Newwest.html: a brief description of Real Estate projects in New Westminster.

All of the name of the projects mentioned in these files were found on a description page on oneflatfee.ca but were edited for originality by me.

There are pictures of each locality on this webpage that, when the mouse is hovered over them, creates a rollover effect with zooms the image. Once the image is clicked, it brings you to the corresponding city’s webpage.

Neighbourhoods.css is used to style:

* Neighbourhoods.html
* Vancouver.html
* Burnaby.html
* Coquitlam.html
* Surrey.html
* Newwest.html

contactUs() is scripted at the bottom of this file to correspond to the Contact Us button in the nav.

Neighbourhoods.js is used to script the rollover effects using the functions: bigImg() and normalImg().

Testimonials.html:

This page is created to show testimonials of make-believe customers Brian Griffin has helped in the past. These testimonials are created by me and displayed on the webpage as images. The images were created and edited by me. The text was taken from real testimonials off of Google reviews sent to random Real Estate Brokerages and edited to match my website’s purposes and originality.

The characters shown who “wrote” the reviews are fictional characters taken off of different TV shows. Other than that, this is a very simple webpage.

Testimonials.css was used to style this page.

contactUs() is scripted at the bottom of this page to correspond to the Contact Us button in the nav.

Reachout.html

This is the most interactive webpage in the project.

This page consists of two webforms:

* First is a contact form which asks for user to fill in their personal information.
  + At the end of the form, the last input asks client to enter which cities they are interested in looking for properties if they’re thinking of buying. When the user enters a city, they must click add, which adds that city to an array. Once the user hits display, the array is displayed within the form.
  + If Title, Name, Phone Number, and E-mail aren’t entered, the webpage throws as error alert stating that the inputs vital to the form haven’t been entered.
  + Once submitted, this simulates submitting a form to the Realtor for a house evaluation – which creates a “lead” for the Realtor. So then, the Realtor must call the client back with desired info.
  + Once “Submit” button is hit, the entries clear out.
* Second form is a mortgage calculator.
  + Here, you enter:
    - Desired loan amount you’d potentially borrow
    - Years you’d take to amortize the loan
    - An annual interest rate you’d prefer between 1.0-4.0
      * If a rate out of that range is entered, throws an alert error.
    - Your annual income
  + And once you hit calculate, it runs a script that displays:
    - An alert with your potential monthly payment,
    - The percentage of your annual income which will go towards the mortgage including property taxes. (Called the GDSR) For ease, I set a universal property tax of $4500 per year.
    - The results from the alert appear in the last 2 input boxes of the form.

Reachout.css was used to style this page.

Reachout.js is the significant JavaScript file that comes into play on this webpage.

References

GMAIL TEMPLATE:

* https://mail.google.com/mail/?view=cm&fs=1&to=RE@briangriffin.ca

IMAGES:

1. https://static.wikia.nocookie.net/familyguy/images/b/b0/Bacx21\_611\_03a-0104\_hires2.jpg/revision/latest?cb=20141018125116
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12. https://cdn.homedit.com/wp-content/uploads/2014/08/Thoughtful-Edging-front-yard.jpg
13. https://wallpapercave.com/wp/wp2406709.jpg
14. https://wallpaperaccess.com/full/1126753.jpg

DESCRIPTIONS OF LISTINGS ON HOME.HTML:

* <https://www.rew.ca/properties/areas/vancouver-bc>

MAJOR RESIDENTIAL/COMMERCIAL RESIDENCE DESCRIPTIONS PER CITY:

* <Https://www.oneflatfee.ca/>