**CGSW Developer Documentation**

**Getting Started and Background Information:**

The folder is under the Files section of Teams, named CGSW Website. To get access to the website as well as the code, you will need to download the entire folder onto your computer. The landing page of the website is named index.html. Open this file with your browser to get access to the website. The website is separated into four different webpages: index, choices, results, strategies.

Each webpage (index, choices, results, strategies) will have its own HTML file, CSS file, and JavaScript (JS) file. The HTML file controls the structure of the website. All the content that is on the website when it is initially opened is within the HTML file. The CSS file controls the style of the website, such as the layout, font sizes, and colours. I have developed the website so that you will hopefully not need to touch these files. The last file is the JavaScript files. This file controls the interactivity of the website. It is what changes the questions, updates the progress bars, and shows different strategies for different risk levels. The other files in the folder are all images that appear on the website.

**Making Edits to the Website:**

When making text changes and small edits to the website, these will mainly take place in the HTML and JavaScript files. As mentioned previously, the HTML files will be changed when the initial webpage needs to be changed, and the JavaScript files will need to be changed when editing different questions, risk levels, etc. Keep in mind that when changing the initial webpage, you may need to change them on the JavaScript file too, as sometimes the webpage will need to be returned to its original version. For example, when changing to FAQ #1, this is what appears originally on the website, but will also need to be changed back to FAQ #1 when switching from FAQ#2 to FAQ #1. As a result, the text will need to be changed in the HTML file as well as the JavaScript file.

To update images and files, all you need to do is replace the original image with a new one of the same name. As long as they have the same name, the image will automatically be updated on the website.

How to update a HTML file

All text within an HTML file will be in between angled brackets (ex. <p>Text here</p>). Search for the text you would like to change and replace it. The text of the HTML file will generally follow the flow of the webpage itself. So if the text you want to change is near the top of the webpage, it is most likely at the top of the HTML file.

How to update a JavaScript file

The JavaScript file is a little less intuitive to edit, but I have moved all the relevant texts that would need to be edited to the top. Along with that, I have included comments, which start with a // (ex. //Comment here) to help guide you on what each piece of text is for. All text will look something along the lines of $(“identifier here”).text(“Actual displayed text here”). To change the text, you will need to change the text within the second pair of quotation marks.

Index Webpage (Landing Page)

Special notes: If making a change to question 1, make sure it is changed in both the HTML file and JavaScript file. Everything on the page other than the FAQ will only need to be changed in the HTML file. The progress bar of the FAQ file only needs to be changed in the HTML file. Questions 2-7 only need to be changed in the JavaScript file.

**HTML File**

All text and images that are not the FAQ will only need to be updated in the HTML file. All text changes involving the FAQ will need to be changed in the JavaScript file too, except the preview of the progress bar. This means if Question 1 is changed, it will also need to be changed in the JavaScript file.

**JavaScript File**

Changes to any of the FAQ and its answers will need to be changed in the JavaScript file. The text will appear at the start of the file and will include comments to help you find which part you are looking to change. Generally, it will follow the format of the question title, first paragraph text, second paragraph text. This repeats seven times for each of the seven questions.

Choices Webpage

Special notes: If making a change to question 1, make sure it is changed in both the HTML file and JavaScript file. Option 4 of question 6 and the progress bar only needs to be changed in the HTML file. Questions 2-6 and all advice text only need to be changed in the JavaScript file.

**HTML File**

Any changes to the first question and its choices will need to be update in the HTML file (this does not include the advice that comes after selecting a choice). These updates to the first question will also need to be updated to the JavaScript file. The change to the text of option 4 for question 6 will only need to be changed in the HTML file. Any other questions will only need to be updated in the JavaScript file.

**JavaScript File**

The JavaScript file will need to be changed when any edits want to be done to the question, its choices, and the advice that comes after making a choice. What will appear first will be only the question title and choices of each question. This will follow the format of the question title, option 1, option 2, and option 3. This repeats for every question from question 1 to 6.

After this part of the file, there will be code for the advice that shows up after the user has selected an option. There will be a first\_paragraph and second\_paragraph for each piece of advice. The first\_paragraph is there for the text that appears at the start of every option. The second\_paragraph contains the text of the advice that is unique to each option. This will follow a layout of the advice text for option 1, option 2, option 3, and if it is question 6, option 4. This will then repeat for questions 1 to 6.

Results Webpage

Special notes: If making a change to the advice, there will be two sections that you need to update the code in the JavaScript file, both will be indicated with a comment.

**HTML File**

There should not be any text that needs to be changed within the HTML file.

**JavaScript File**

This file is the most complicated one to attempt to change texts. The layout will be as follows. For every risk level, there will be a first\_p, second\_p, and then the text for the strategies for each of the categories(technology, family and friends, community). first\_p is the first paragraph under the slider bar, everything in green text. second\_p is the paragraph under that, in the black text.

For each risk level, there will be the following sections:

For the first paragraph, there will be a section for different text based on what risk level the user initially got. As a result, there will be three different sections to change the text of the first paragraph. For example, when the slider is at the low risk level, there will be a section for a low risk person looking at low risk strategies, a medium risk person looking at low risk strategies, and a high risk person looking at low risk strategies. I have commented the code so that you will know which paragraph is for which situation.

Following the first paragraph will be text for the second paragraph. Since text only shows up for if the user is looking at a risk level that matches theirs (ex. a low risk person looking at low risk strategies), there is only one place to change the text.

Following the second paragraph is a section of text for the technology, family and friends, and community parts of the strategies. Because these include bulleted lists, you will not be able to switch out texts as you did before. I have provided a website <https://tomeko.net/online_tools/html_list_gen.php?lang=en> to help you write the text for this part. Use this link to create a new list to replace with the ones already in the code. What the website does is it converts the bulleted list you put into it into the code that you will put into the JavaScript file. Use a hyphen for every item on the list, and an indent to put items in an indented list. After that, copy the text in the “HTML output” box and paste it into the quotation marks of the code. You will need to remove the leading <ul> and ending </ul> that comes with the code as well as all the whitespace that comes with it. When making changes to the strategy section, you will need to update it in another place as well. When you scroll down I will have commented another section you will need to update the strategy for. This should be after a line of code that says “function change\_strategy\_no\_fade(risk\_level)”. Update the strategies in this section too. The comments will help indicate where to find the strategy you want to update.

After all the risk levels, there will be a place where you can update the text for the strategies in the case of an unplanned absence. This will be after the code that says $(“lost”).click( function(){“. There will then be comments indicating where you can update each of the sections of the strategies. Since these are also a list, you will need to use the same link above to update the text.

Strategies Webpage

Special notes: The sections to delete for each list will be indicated by a comment looking like this: <!—comment here -->. Replace this text with the text you get from the website. Make sure to delete the leading <ul> and ending </ul> you get from “HTML output” box the website.

**HTML File**

The strategies page will have a technology, family and friends, and community section for each of the different risk levels. HTML comments are in between <!— and --> (ex <!—comment here-->). Once again, since it is a bulleted list, you will need to use the website above (<https://tomeko.net/online_tools/html_list_gen.php?lang=en>). This time, you will not need to remove the white space, but will still need to remove the starting <ul> and ending </ul>. There is a comment indicating where to start deleting the old code and where to end.

**JavaScript File**

There is nothing that needs to be changed in the JavaScript file when making edits on the webpage.