

Code Review Strategy

Based off guideline found:

<https://www.evoketechnologies.com/blog/code-review-checklist-perform-effective-code-reviews/>

For each file containing code (excluding HTML, CSS files):

Examine the following for each piece of code that was not written by you:

Readability - Do I understand the code?

Consistency - Is the code written consistent with the code written by me/everyone else?

Scalability - Does the code support extension?

Reusability - Is there repeated code that could be refactored?

Redundancy - Are there unnecessary lines of code or debug statements left?

Code Review Summary

General Comments

- For the HTML header (the part with Toronto East Quadrant Local Immigration Partnership) we could just include it in a header html file and include it in each html file instead of repeating the code -Jonathan
- Need a simple comment above each onclick function to easily identify what it does (like in script.js file) -Daniel
- Not very important, but there isn't consistency in terms of whether "" or " should be used to denote strings. - Michelle

<u>File</u>	<u>Function Name</u>	<u>Comments</u>
user.js	changePassword	
agency.js	getPresetQueries	
agency.js	deleteRow	
navBarScript.js	\$("#pageTitle").on("click")	
navBarScript.js	\$("#helpBtn,	

	<code>#helpClose").on("click")</code>	
navBarScript.js	<code>loadHeader()</code>	Functions are independent from <code>\$document.ready</code> . We can move this outside -Austin
navBarScript.js	<code>loadHelp()</code>	Same as <code>loadHeader</code> -Austin
helpScript.js	<code>setUpMenu()</code>	Same as <code>loadHeader</code> -Austin
queryscript.js	<code>\$("button[class=filterOptions]").on("click")</code>	Maybe add a comment explaining the purpose of this event handler - Jonathan Html button class "columnNamesList" should be "columnNamesList" - Jonathan
queryscript.js	<code>\$("#queryInput").autocomplete</code>	Is it necessary for this to be in a function? - Jonathan
queryscript.js	<code>\$("button#addFilterButton").on("click")</code>	
queryscript.js	<code>\$("button#clearFilterButton").on("click")</code>	
queryscript.js	<code>\$('ol#selectable').on("click", "button.columnNamesList")</code>	See above, column should be column - Jonathan Use double quote to keep consistency with rest of code-Daniel
queryscript.js	<code>\$("button#savePopupButton").on("click")</code>	
queryscript.js	<code>\$("#closePopup").on("click")</code>	Maybe aggregate this handler with the next 2 as they perform the same task (ie. repeated code) -Jonathan
queryscript.js	<code>\$("button#cancelSaveButton").on("click")</code>	See above - Jonathan
queryscript.js	<code>\$("button#saveQueryButton").on("click")</code>	See above - Jonathan
queryscript.js	<code>\$("button#applyFilterButton").on("click")</code>	
queryscript.js	<code>\$('#savedQuerySelect').change()</code>	Same use " "

queryscript.js	<code>\$("button#exportToCSVButton").on("click")</code>	We don't need the else clause here if you want to reduce tabbing. -Austin
queryscript.js	<code>filterDataSetup(localAgencyData)</code>	
queryscript.js	<code>loadFilterButtons()</code>	
queryscript.js	<code>updateSelectedFilters(filters)</code>	Missing semicolon in the last line of the function, I don't think it will break anything but it still should be there. -Michelle
queryscript.js	<code>generateColumns(data, localAgencyData)</code>	This function is kind of long. Can we make <code>table_dom.on(click...)</code> its own function? -Austin All the data is being added as a header, it should be a row. -Michelle
queryscript.js	<code>applySavedQueries()</code>	
queryscript.js	<code>objToCsv(obj)</code>	Multiple return statements - Jonathan
queryscript.js	<code>downloadCSVFile(csv)</code>	

Decisions and Changes

- Refactored most of `navBarScript.js` and `queryscript.js` putting non-independent code sections outside of functions.
- Added additional comments indicating what event handlers do
- Renamed incorrectly spelled class names
- Removed redundant function headers
- Aggregated similar functions to promote code reuse
- Reworked if statement blocks in `queryscript.js` to make it more readable
- `Queryscript.js` adds data to HTML table as table data now instead of table headers
- Removed unneeded HTML header