

Project Name: GCIEL Group Project

Code Review Report Document

CSC-324

Professor Jimenez

Reviewed file: Improved Visualization/app.R(456-485)

Reviewer: Haobo Chen

Code Review Report

The code which I am responsible for reviewing is Improved Visualization/app.R line 456 to 485. This part includes three functions, which are `output$googleFormTab`, `output$dataDescriptionLink`, and `output$vikingshipDataLink`. The functions are responsible for generating Google Form in the "Google Form" tab, defining download link for data description PDF, and defining download link for the dataset in CSV format. I noticed following problems and changes as recorded in the tabular form.

Functions, Methods, and Size	<ol style="list-style-type: none">1. The code I reviewed are all small functions and they all perform a singular function.2. There is no need to refactor they given they have all followed the code standard we have
Formatting, layout, and style	<ol style="list-style-type: none">1. The indentation in the code followed the code standard we have. All indentations are created by two spaces.2. All operators are preceded and followed by space.3. Line 459 included a link to the Google form with more than 100 characters, which is considered too long. I have broken the link into two lines to improve the visibility.
White Space	<ol style="list-style-type: none">1. All three functions are separated by two empty lines.2. All statements within a block have been equally aligned to avoid indentation.3. There is no irreverent space around the operators and functions
Block and Statement style guidelines	<ol style="list-style-type: none">1. All code blocks are formatted identically.

	2. There is no condition statement involved in the code I reviewed.
Declaration Style Guidelines	<ol style="list-style-type: none"> 1. The variables are declared as stated in code standard file. 2. There is no nested header and source code in the header.
Commenting Style Guidelines	<ol style="list-style-type: none"> 1. All comments are in correct format, while in the comments for functions are preceded with two #. This should be specified in the code standard. 2. The description of the function's purpose, parameters, and return value are missing from current comments. This should be added later. 3. There is nothing to do for this part. So, no TODO tag should exist.
Identifier naming conventions	<ol style="list-style-type: none"> 1. The variable and function names are clear and comprehensive. 2. We used the camel case naming for variables.
Defensive programming: Questions	Not applicable
Error Handling	Not applicable