Test Case

Project Name: TraViz

Test Case ID: DataVisualization-Valid

Test Designed by: Gopika Krishnan

Test Priority (Low/Medium/High): High

Test Designed date: 25 November 2021

Module Name: viz.html

Test Executed by: 1 December 2021

Test Title: Data Visualization - Valid Location

Test Execution date: 30 November 2021

Description: This tests whether the data visualization function of the system works as desired. When the user inputs the required details, the system is supposed to create a map with data added on to the map according to the information input by the user. It also should give the user the option to save the visual as png.

Objective: Verify whether the functionality of data visualization for the system works properly

Pre-conditions: Website should be loaded properly on the user's browser of choice

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	User navigates to 'Plan Trip' page in header	Click on 'Plan Trip' in header	Navigate to 'Plan Trip' page of Website	Navigated to expected 'Plan Trip' page of Website	Pass	
2	User inputs origin and destination	Valid location, Valid location	User can input the origin and destination	User is able to enter the origin and destination	Pass	Refer to DataVisualization-

						Invalid when either destination or source is an invalid input
3	User enters mode of transportation	Click on multiple choice as shown	User can choose their mode of transportation	Use is able to choose their mode of transportation	Pass	
4	User clicks on 'Submit' button	Click on 'Submit' button	Map is produced according to the input of the user and indicates them correctly	Map is produced as desired	Pass	
5	User clicks on 'Save Map'	Click on 'Save Map' button	Map is saved as a png file to the user's system	Map is saved as png file to user's system	Pass	

Post-conditions:

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