QA Interview Test

Test scenarios based on requirements:

For all functions
i. Test on different browsers to check browser compatibility
ii. Test on different devices to check device compatibility
iii. Zoom in and zoom out to check if the page displays as expected
iv. Test null testing data to see if the page displays as expected. e.g. set all the values to be null
v. Test invalid testing data to see if the page displays as expected, e.g. set the value of "Clicks" to be "-99.88"

1.For Publisher Name
i. Check all the available options to see if they're as expected
ii. Choose a different Publisher Name, check all cards in the dashboard are relating to the new publisher

2.For Date Range dropdown filter
i. Check all the available options to see if they're as expected
ii. Choose each value from "i. Today" to "viii. Current Month", check the date range of all the cards each time are as expected
iii. Choose "ix. Custom - you can set your own start and end date", suppose today is Feb 5, to set the date range to be "2023.1.29 - Today", check all the cards, to see if it works in the ending or beginning of a month.
iv. Choose "ix. Custom - you can set your own start and end date", set the date period to be one year or long enough, check all the cards, to see if the website could display as expected when the data amount is huge enough.

3.For Refresh Data button
i. After updating the data from backend (e.g. from database), click on the Refresh Data button, all of the cards in the dashboard will be updated as expected.

4.For Add Card button
i. clicking on the Add Card button, select "Summary" type you can create a new card based on a saved report for the dashboard

ii. clicking on the Add Card button, select "Chart" type you can create a new card based on a saved report for the dashboard

5.For Report metrics
i. Check all the available options to see if they're as expected
ii. Select one publisher name with valid data and set the date range to get a report, check all the report metrics are as expected, from "a. Requests" to "h. Publisher Revenue"

6.For the Summary card
Preconditions: Select one publisher name with valid data and set the date range to get a summary card
i. Verify these values
   CTR = Clicks / Impressions * 100
   Publisher CPC = Revenue / Clicks
   Publisher CPM = Revenue/ Impressions * 1,000
ii.By clicking on the View Report button, you will be directed to the saved report page containing all of the saved configurations for that saved report.
iii. By clicking on the refresh button, you will refresh the card itself.
iv. By clicking and dragging the move button, you will be able to reposition the card within the dashboard.

v-1. By clicking on the resize button, try to resize the card spanning the whole width of the screen.
v-2. By clicking on the resize button, try to resize the card spanning half width of the screen.
vi. By clicking on the remove button, you will be able to remove the card from the dashboard with other cards unaffected.

7.For the Graph card
Preconditions: Select one publisher name with valid data and set the date range to get a graph card
i-1. Select the output of the graph to be the line graph option.
i-2. Select the output of the graph to be the column graph option.
ii-1. Select 1 metric to be "Impression" and the other to be null in the graph card, verify the graph is generated successfully with only the one value type. After this, change "Impression" to be another metric, leaving the other metric to be null, generate and verify the graph card.

ii-2. Select 1 metric to be "Impression" and the other to be "Clicks"in the graph card, verify the graph is generated successfully with only the two kinds of values. After this, try other combinations of two metrics, e.g. "Requests" and "CTR"

iii. By clicking on the View Report button, you will be directed to the saved report page containing all of the saved configurations for that saved report.
iv. By clicking on the refresh button, you will refresh the card itself.
v-1. Click and drag the move button, try to reposition the card to the four corners of the dashboard.
v-2. Click and drag the move button, try to reposition the card to be partly or fully out of the dashboard.

vi-1. By clicking on the resize button, try to resize the card spanning the whole width of the screen.
vi-2. By clicking on the resize button, try to resize the card spanning half width of the screen.
vii. By clicking on the remove button, you will be able to remove the card from the dashboard with other cards unaffected.