Unit Test Report: Selecting Only Up to Combinations of 5 Tracks, Artists, and/or Genres

Generate Tab of Sidebar:

Functional Testing:

Selecting up to at most five tracks from the tree:
Started with an empty list. Clicked on five random tracks (squares) from the tree that appeared within the first three branches of the tree. As each track was selected, an orange ring highlighted the track image.This is to show that a clicked track at any given point of the tree branches could still be added to the list. The tracks were added to the selected list in the order the tracks were clicked on. Tried to click on a sixth track " 'Likey' - Twice" and could not add that track to the tree, as expected since five tracks were already selected and added to the list. When I clicked the 'x' next to one of the already added tracks it got deleted from the list and the orange highlighted ring around the square disappeared. I was able to add the " 'Likey' - Twice"in the deleted track's place.

Selecting up to at most five artists from the tree:
Started with an empty list. Clicked on five random artists (circles) from the tree that appeared within the first three branches of the tree. As each artist was selected, an orange ring highlighted the artist image.This is to show that a clicked artist at any given point of the tree branches could still be added to the list. The artists were added to the selected list in the order the artists were clicked on. Tried to click on a sixth artist BTS and could not add it to the tree, as expected since five artists were already selected and added to the list. When I clicked the 'x' next to one of the already added artists it got deleted from the list and the orange highlighted ring around the circle disappeared. I was able to add BTS in the deleted artist place.

Selecting up to at most any combination of five tracks and artists from the tree:
Started with an empty list. I clicked on three random tracks and two random artists from the tree. As each time an item was clicked on the tree, an orange ring highlighted the item. All items were added to the list in the order they were selected. The tracks were added on the top half of the list and artists on the bottom half. When I tried to click to add a third artist EXO, EXO could not be added as there were five selected items already on the list.

Selecting up to at most five genres from the generate tab:
Started with an empty list and went to the genres area of the generate tab. I searched up five genres: pop, dance, rock, folk, and K-pop. When I tried to

search a sixth genre, hip-hop, the genre did not appear in the drip down menu. When I deleted folk from the genres I was able to search and add hip-hop.

Selecting up to at most five tracks from the generate tab drop down menu:
Started with an empty list. When on the generated tab and searched up five tracks to add to the list: 'Mic Drop- BTS', 'Hello-Adele', 'Oh NaNa - KARD', 'Don't Give Up- Twice', and 'Never Ever- GOT7'. I tried to search for a sixth track 'Sorry- Justin Bieber' but could not add to the list as the list already had five tracks. When I deleted 'Never Ever- GOT7' from the list, I was able to add 'Sorry - Justin Bieber'.

Selecting up to at most five artists from the generate tab drop down menu:
Started with an empty list. When on the generated tab and searched up five artists to add to the list: BTS, Adele, KARD, Tiesto, and GOT7. I tried to search for a sixth artist Justin Bieber but could not add to the list as the list already had five tracks. When I deleted GOT7 from the list, I was able to add Justin Bieber.

Selecting up to at most five total artists, tracks, and genres at any given combination from tree and generate tab menus:
Started with an empty list. On the tree I clicked on track 'MIC Drop (feat. Desiigner) [Steve Aoki Remix] - BTS' and artist KARD. Then I searched and selected 'pop' from the genres menu. Then on the track menu I searched 'Sorry - Justin Bieber' and added to the list. It appeared after 'MIC Drop (feat. Desiigner) [Steve Aoki Remix] - BTS' and above KARD as it was the second track to be added to the list and tracks show up on the top half of the list. I did the same with the artist menu and searched Twice and added it to the list. Twice came after KARD on the list. Then I went back to the tree and tried to click on artist Wanna One, but could not add them as there were five items already on the selected list: 2 tracks, 2 artists, and one genre. When I deleted 'pop' from the genre I was able to click on Wanna One and add it to the list to keep everything up to five items, as expected.