

Test Plan - Team 19

SquareCI

Members: Brandon Marx, Jonah Heeren, Jun Soo Kim, Shulin Ye, Vritant Bhardwaj

TestID: Songwars1

Test Title: Test website deployment

Test Severity: Severity 1

Instructions: go to website url in browser

Expected Result: Website should load.

TestID: Songwars2

Test Title: Viewing Popularity of a Song

Test Severity: Severity 2

Instructions: Type in the search bar, "Hello Adele" and view popularity

Expected Result: You should see a green star next to the song name and as you hover over, it says "Popular".

TestID: Songwars3

Test Title: View Preview of a Song

Test Severity: Severity 2

Instructions: Type in the search bar, "Sugar Maroon 5"

Expected Result: Be able to see album preview on the right side of the song.

TestID: Songwars4

Test Title: Test Recommend Button

Test Severity: Severity 2

Instructions: Go to statistics and remember the number by "Recommendations". Type in the search bar, "Bruno Mars That's What I Like" and for "1. That's What I Like", click the recommend button. Go back to statistics and see the number again.

Expected Result: The number should have increased by one.

TestID: Songwars5

Test Title: Only Recommend Once

Test Severity: Severity 2

Instructions: Go to search and type in "Sad Machine Porter Robinson". Recommend the song with a "1." by it's name. Exit search. Go back to search and type in the same title.

Expected Result: The recommend button should not be clickable.

TestID: Songwars6

Test Title: Test Login with Shopify

Test Severity: Severity 2

Instructions: go to the main page and click the “login with Spotify” button and then proceed to enter username and password.

Expected Result: It should redirect the user back to the main page and display the correct username on the top right corner.

TestID: Songwars7

Test Title: Test Search for New Songs

Test Severity: Severity 2

Instructions: click “Search” button on the main page and enter the name of an existing song(such as “Hello” by Adele) in the search bar.

Expected Result: It should display relevance results according to the keywords used.

TestID: Songwars8

Test Title: Test UI navigation

Test Severity: Severity 2

Instructions: Go to the main page and click every buttons.

Expected Result: It should take the user directly to the pages that have contents that match the name of the buttons.

TestID: Songwars9

Test Title: Test bracket history

Test Severity: Severity 2

Instructions: Go to main page, click history tab, select a date to view the history.

Expected Result: The final bracket result for that day should be displayed.

TestID: Songwars10

Test Title: Test result statistics

Test Severity: Severity 2

Instructions: Go to main page, click statistics tab

Expected Result: Top artists, totals, and Top songs should be displayed for the past week.

TestID: Songwars11

Test Title: Test Current Bracket Voting

Test Severity: Severity 2

Instructions: Go to brackets page, and vote on a song

Expected Result: The current count of votes should change based on the selected song.

TestID: Songwars12

Test Title: Test Bracket of Highest Recommended Songs

Test Severity: Severity 2

Instructions: View the bracket of recommended songs

Expected Result: Should contain the proper bracket of the highest recommended songs

TestID: Songwars13

Test Title: Test Login session when logged in

Test Severity: Severity 2

Instructions: log in with spotify on landing page, and then refresh the page.

Expected Result: User should stay logged in after page refreshes

TestID: Songwars14

Test Title: Test Login session when logged out

Test Severity: Severity 2

Instructions: log in with spotify on landing page, and then log out.

Expected Result: User should stay logged out after page refreshes.

TestID: Songwars15

Test Title: Test website load speed

Test Severity: Severity 3

Instructions: open inspect element in Google Chrome / developer tools in Mozilla Firefox and go to the networks tab. Load the website in the browser.

Expected Result: The website should load within 1 second on a good internet connection.