
Seeded Defect Log

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| Defect # | Issue | Suggested Fix | Location |
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| 1 | Unauthenticated users can vote on tracks | Make sure the spotify user id is not the default of 'unidentified_user' | home.component.ts/ upvote |
| 2 | Users can see the database without logging in (may need to elaborate) | In the html, insert *ngIf="spotifyUser.id !== 'unidentified_user'" in elements that should not display | home.component.html |
| 3 | Users can downvote below 0 votes. | Add a check to keep the votes of tracks from going under 0 votes | Home.component.ts /upvote and downvote |
| 4 | During voting, if the upvoting function causes a track to exceed 29 votes, the number of votes will go down to half of the new value (15). | Remove the if statement dividing the votes by 2 if it exceeds 29. | Home.component.ts |
| 5 | When logging in for the first time in a window, the user must login twice. | Adding the keyword await before the call to in the async onSubmit() | login.component.ts/ onSubmit this.spotifyService.authenticate(); |
| 6 | Query terms with the letter "a" cannot be searched. | Make sure that all alphanumeric values are searchable input. | Radio.component.ts |
| 7 | User cannot add the second track listed in the search results of the search component | Remove check that keeps the app from adding the second track listed in the search component | Radio.component.ts |
| 8 | User can attempt to search without properly authenticating. | We added a check to see if the spotifyUser id was 'unidentified_user' if so we showed an error message and terminated the search request. Alert message should pop up. | Radio.component.ts /onSearch() |
| 9 | Users can search undefined and the request will go through | We added a check to see if the user had entered anything in the | Radio.component.ts/ |

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| | normally and return songs related to 'undefined'. | search bar. If they didn't then we let them know through an alert dialog box and terminated the search request. Alert message should pop up. | onSearch() |
| 10 | Users could type in a search term then delete it to where nothing is in the search bar. Their search term would go through as "" an empty string. | We added a check to see if the queryterm defined in radio.component.ts was an empty string. If so, we opened an alert dialog box and terminated the search request. | radio.component.ts/ onSearch() |
| 11 | Users can add duplicate tracks to the database which is unintended behavior and causes a looping problem when going to the next track. | We can add a check for duplicates when adding a track to the database. | Radio.component.ts / onAddTrack |
| 12 | When clicking the upvote button the vote amount decreases. | Make sure that the function that is associated with the upvote button is in fact the upvote method. | home.component.html |
| 13 | When clicking the downvote button the vote amount increases. | Make sure that the function that is associated with the downvote button is in fact the downvote method. | home.component.html |
| 14 | When clicking the search header tab, the user is redirected to the login page instead of the search page. | Make sure that the router navigation has a router link of "/radio" instead of "/login". | header.component.html |
| 15 | When clicking the login header tab, the user is redirected to the search page instead of the login page. | Make sure that the router navigation has a router link of "/login" instead of "/radio". | header.component.html |
| 16 | The Please Login button shows up even after a user logs in. | Add an *ngIf statement inside of the <p> checking if spotifyUser.id == 'unidentified_user' | home.component.html |
| 17 | When a user is playing a song through spotify and they navigate to another page and then back to the home page, | A possible solution to this would be to store the current song's id so when the embedded player is loaded, it can play that song from | home.component.ts |

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| | when they click play again, they are sent back to the first song. | the playlist instead of going back to the beginning. | |
| 18 | The currently playing banner only shows up after navigating back to the home page. | Add a check to see if the spotify player is currently playing a song. If so, update that variable so the correct information is displayed. | home.component.ts |
| 19 | Upon refresh of the page, the spotifyUser.id is no longer recognized. So they need to log back in again. | A possible fix to this would to store the user's spotify id into localStorage and upon the loading of a page, check that if they already have logged in before. | Home.component.ts / radio.component.ts |
| 20 | The currently playing banner does not update when a user skips to the next song. | We could possibly watch elements inside of the iframe. More specifically the song name element and store it locally and bind it to the currently playing banner with angular services. | home.component.ts |
| 21 | The ordering of songs in the playlist seems to sort alphabetically when the votes are equal to one another while the website has a different ordering than alphabetical. | Adjust the sorting algorithm to treat tracks with equal votes by sorting them alphabetically. | home.component.ts / login.component.ts |
| 22 | If a user deletes a track in the spotify playlist through spotify, the track is not removed from the database. | Upon navigation to the home page, the spotify playlist should be recreated to reflect the database (minus duplicates). | Home.component.ts |
| 23 | The Now Playing banner displays even when there is no song currently playing. | Use *ngIf in the html to only display the current song if it is non-null. | Home.component.ts |
| 24 | Spotify sets a limit to the maximum number of tracks that can be in the embedded player's playlist. That maximum being 200. | In the search/radio component we should check to see the size of the database before adding another track and make sure that the user knows there is a maximum. | Radio.component.ts / angular5-spotify.ts |
| 25 | The mobile version of the header component has a menu button that doesn't collapse the | We could add a button listener that collapses the menu when one of the choices is chosen | Header.component.ts / header.comp |

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| | menu after a user selects a page to navigate to. | | onent.html |
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