

CS 408 Team 17

Song Wars

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Test Plan

Format:

- A. Identification and Classification
- B. Instructions
- C. Expected Result

As a user, I would like to login with Spotify:

- A. Login 1, View form, S1
- B. Select "Login with Spotify"
- C. A login box appears

- A. Login 2, Success, S1
- B. Enter correct credentials
- C. The user successfully logs in

- A. Login 3, Fail incorrect, S1
- B. Enter incorrect credentials
- C. The user is prompted that the credentials do not exist

- A. Login 4, Fail format, S2
- B. Enter credentials that do not match the correct format
- C. The user is prompted that the credentials do not match the correct format ie: "x@y.z"

As a user, I would like to search for new songs:

- A. Search 1, View Search, S1
- B. Select "Search for songs"
- C. A new view appears with an input box and blank results area

- A. Search 2, Search for songs, S1
- B. Type any string of unicode character into the search box
- C. The search results are gathered and displayed

- A. Search 3, Search returns > 10 results, S3
- B. Type any string of unicode characters that returns more than 10 results
- C. A "load more" button appears at the bottom of the search results

- A. Search 4, Search returns 0 results, S2
- B. Type in a string of unicode characters that returns no results

C. The search results area is blank and the user is notified that there are no results

- A. Search 5, Remove search term, S3
- B. Remove all unicode characters from the search box
- C. The search results are blank

- A. Search 6, Load more, S3
- B. Select "load more"
- C. 10 more search results are displayed below the previous 10

As a user, I would like to view a bracket containing the highest recommended songs of the previous week:

- A. View Bracket 1, From Login, S1
- B. Successfully login.
- C. Redirect will take you to bracket view which will show last week's bracket's current stage.

- A. View Bracket 2, From statistics view, S1
- B. Change view to current bracket view.
- C. Redirect will take you to bracket view which will show last week's bracket's current stage.

- A. View Bracket 3, From history view, S1
- B. Change view to current bracket view.
- C. Redirect will take you to bracket view which will show last week's bracket's current stage.

- A. View Bracket 4, From search view, S1
- B. Change view to current bracket view.
- C. Redirect will take you to bracket view which will show last week's bracket's current stage.

- A. View Bracket 5, Not logged in, S1
- B. Attempt to visit view bracket page without a valid login credential.
- C. Page will redirect you to the login page.

- A. View Bracket 6, Inception bracket, S3
- B. During the first active week of the system, a preset list of songs will be used for the 'previous week'.
- C. Bracket viewed will contain songs from the preset list.

- A. View Bracket 7, Server fail/broken connection, S2
- B. When api call is made to fill bracket contents, there may be a connection disconnect or server failure.
- C. Page will display a 'bracket failed to load' banner with a button to 'reattempt connection'.

- A. View Bracket 8, Reattempt connection Success, S2

- B. User clicks on 'reattempt connection' if the bracket fails to load in order to reload bracket and connection is available.
 - C. Connection will resume and bracket data displayed.
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- A. View Bracket 9, Reattempt connection Fail, S2
 - B. User clicks on 'reattempt connection' if the bracket fails to load in order to reload bracket but connection is still not available.
 - C. Connection will fail and same 'bracket failed to load' with 'reattempt connection' option available.

As a user, I would like to vote on two competing songs at the current stage in the bracket:

- A. Vote 1, Enter voting screen success, S1
 - B. User clicks on 'vote' from view bracket screen with a good connection to server.
 - C. Api call will succeed and first voting pair will appear.
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- A. Vote 2, Enter voting screen fail, S2
 - B. User clicks on 'vote' from view bracket screen with a bad connection to server.
 - C. Api call will fail and 'voting failed to load' banner will appear with the option to 'reattempt connection'.
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- A. Vote 3, Reattempt connection success, S2
 - B. User clicks on 'reattempt connection' if the voting screen fails to load in order to reload the voting screen when connection is available.
 - C. Connection will resume and voting screen displayed.
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- A. Vote 4, Reattempt connection Fail, S2
 - B. User clicks on 'reattempt connection' if the voting screen fails to load in order to reload voting screen but connection is still not available.
 - C. Connection will fail and same 'voting failed to load' with 'reattempt connection' option available.
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- A. Vote 5, Play song from voting, S1
 - B. From voting screen, user clicks on a play button from one of two song options.
 - C. Song will begin to play/preview.
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- A. Vote 6, Cast Vote, S1
 - B. From voting screen, user clicks on a song to vote on from one of two song options.
 - C. Song vote is cast and recorded in database, next song vote pair is loaded.

As a user I would like to view a history of past brackets:

- A. View History 1, No history, S3
 - B. Select "View History"
 - C. Show a blank page indicating that there is not yet any historical bracket data
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- A. View History 2, Default view, S2
 - B. Select "View History"

C. Shows the result of last weeks bracket by default

- A. View History 3, Select past history, S2
- B. Select a date on the associated calendar widget
- C. Show the result of the specific week chosen by user

- A. View History 4, Invalid date, S2
- B. Select a date on the associated calendar widget with no historical data
- C. Show a blank page and message indicating lack of historical data

As a user, I would like to view statistics based on the previous weeks results:

- A. View Statistics 1, Default view, S1
- B. Select "View Statistics"
- C. Display statistics such as a short description and popularity score of this week's songs

- A. View Statistics 2, Select past stats, S2
- B. Select a date on the associated calendar widget
- C. Display statistics such as short descriptions and popularity scores of previous week's songs

- A. View Statistics 3, No Statistics, S2
- B. Select "View Statistics"
- C. Display a blank screen indicating that there are no statistics for previous winners yet

- A. View Statistics 4, Invalid date, S2
- B. Select a date on the associated calendar widget with no historical data
- C. Display a blank page and message indicating that there is no statistical data for that week

As a user, I would like to view the popularity and preview of each song

- A. View Popularity & Preview 1, Default view, S1
- B. After search or viewing bracket
- C. Display play button for song to preview and a numeric value for the popularity of the song

- A. View Popularity & Preview 2, Play Song, S1
- B. Select "Play Button" for song
- C. Play a preview of song selected for the user to listen to

As a user, I would like to recommend a song

- A. Recommend Song, Default View, S1
- B. After search
- C. Display song searched for as well as similar titles. A recommend song option will appear for selected song

- A. Recommend Song, Success, S1
- B. Select "Recommend Song"
- C. Successfully updates song recommendation count and notifies user that they successfully recommended a song

- A. Recommend Song, Failure, S3
- B. Select "Recommend Song"
- C. Notifies user that they have recommended <10 songs and that they cannot recommend anymore until the next week

As a user, I would like to interact with multiple brackets based on a variety of categories.:

- A. View Multiple Brackets 1, Select bracket, S3
- B. Choose a bracket category from selection page.
- C. Redirects to proper bracket view page of correct category.

- A. View Multiple Brackets 2, From Login, S1
- B. Successfully login.
- C. Redirect will take you to bracket selection page which will show last week's available bracket categories.

- A. View Multiple Brackets 3, From statistics view, S2
- B. Change view to bracket selection view.
- C. Redirect will take you to bracket selection page which will show last week's available bracket categories.

- A. View Multiple Brackets 4, From history view, S2
- B. Change view to bracket selection view.
- C. Redirect will take you to bracket selection page which will show last week's available bracket categories.

- A. View Multiple Brackets 5, From search view, S2
- B. Change view to bracket selection view.
- C. Redirect will take you to bracket selection page which will show last week's available bracket categories.

- A. View Multiple Brackets 6, From bracket view, S2
- B. Change view to bracket selection view.
- C. Redirect will take you to bracket selection page which will show last week's available bracket categories.

- A. View Multiple Brackets 7, Not logged in, S2
- B. Attempt to visit bracket selection page without a valid login credential.
- C. Page will redirect you to the login page.

As a user, I would like to receive an email with information about the week's bracket and it's highest scorers:

- A. Email Subscribe 1, Subscribe success, S1
- B. Enter a email of proper format and submit
- C. A success message appears, email is added to newsletter list, and confirmation email is sent.

- A. Email Subscribe 2, Subscribe format failure, S3
- B. Enter incorrect email format and submit
- C. The user is prompted that the email does not match the correct format ie: "x@y.z"

- A. Email Subscribe 3, Subscribe copy failure, S3
- B. Enter email that is already subscribed to newsletter
- C. The user is prompted that the email is already subscribed

- A. Email Subscribe 1, Unsubscribe success, S1
- B. Click the unsubscribe button
- C. Email is removed from the newsletter list

- A. Email Subscribe 2, Unsubscribe failure, S3
- B. Unsubscribe from email that is not currently on the newsletter list
- C. User is prompted that unsubscription failed and email was not on our newsletter list.

S = Severity

1 = Critical

2 = Important

3 = Workaround