

## Phase 2 Test Plan for Team 10, by Team 11

Severity 1: Critical

Severity 2: Important

Severity 3: Workaround

1. As a user, I would like to be able to sign in to MusiQueue using my Google account
  - a. SignIn button test 1.1 Severity 2
    - i. Click "Sign In" button, click saved credentials/ input new credentials
    - ii. Pop up or show sign up/ sign in input boxes
  - b. SignIn redirect test 1.2 Severity 2
    - i. Click "Confirm/ Submit" button
    - ii. Redirects to the home page of the program
2. As a user, I would like to change my username
  - a. Change username button test 2.1 Severity 3
    - i. Click "Change username button", and edit the username
    - ii. Username is changed to new username
  - b. Change username persistence test 2.2 Severity 2
    - i. Click "Change username button", and edit the username
    - ii. Username stays changed after a page refresh
3. As a user, I would like to connect to a hub by searching
  - a. Connect to hub by location test 3.1 Severity 2
    - i. Click "Join Hub" button, and then click search by location
    - ii. Show hubs by location and allow user to join
  - b. Connect to hub by recent test 3.2 Severity 2
    - i. Click "Join Hub" button, and then click search by recent hubs
    - ii. Show hubs based on recently created hubs and allow user to join
  - c. Connect to hub by searching test 3.3 Severity 2
    - i. Click "Join Hub" button, and then search for specific hubs
    - ii. Show hubs based on search results and allow user to join
4. As a user, I would like to add songs to the playlist in a hub
  - a. Add songs tab test 4.1 Severity 2
    - i. Click the "Songs" tab, Type song name, click search button
    - ii. Show songs based on information given
  - b. Add songs test 4.2 Severity 2
    - i. Click the "Songs" tab, search up a song, click the song to add it to the playlist
    - ii. Show songs based on search result and then add it to the music queue when clicked on
5. As a user, I would like to vote on songs in a hub
  - a. Voting on song value test 5.1 Severity 2
    - i. Press the up/down vote button on a track
    - ii. The value next to it indicating the votes should change
  - b. Voting on song persistence test 5.2 Severity 2

- i. Press the up/downvote button on a track, changing the value
    - ii. Refresh the page and the value should still be the changed one
  - 6. As a user, I would like for songs to re order based on their number of votes
    - a. Reorder song up button test 6.1 Severity 2
      - i. Press the up button
      - ii. The song should move above another one if it has more or less votes
    - b. Reorder song down button test 6.2 Severity 2
      - i. Press the downvote button
      - ii. The song should move below another one if it has more or less votes
  - 7. As a user, I would like to give my hub a name and protect it with a 4 digit pin password
    - a. Hub name test 7.1 Severity 2
      - i. Click "Create Hub Button"
      - ii. Input a hub name in the "Hub Name" field
      - iii. Input a hub pass pin in the "Hub Pass Pin" field
    - b. Hub name input test 7.2 Severity 2
      - i. A user would be able to join for a hub given its name
      - ii. A hub name could be searched for and that hub would come up
    - c. Hub pin input test 7.3 Severity 2
      - i. A user would be asked to input the pin if joining the hub
      - ii. The user would only be let in if they input the correct pin
  - 8. As a hub administrator, I would like to be able to remove songs from the hub playlist
    - a. Remove song test 8.1 Severity 2
      - i. Press the "x" button on a song
      - ii. The track would be removed from the playlist
    - b. Remove song synchronization test 8.2 Severity 2
      - i. The host presses the "x" button on the song
      - ii. It should disappear from the playlist for all connected users
    - c. Remove song security test 8.3 severity 3
      - i. The user who joins a hub should not be able to remove a song, only an admin should be able to
  - 9. As a hub administrator, I would like to kick people off my hub
    - a. Remove User from list test 9.1 Severity 2
      - i. Try pressing the remove button
      - ii. The user should be removed from the list
    - b. Remove votes from that user test 9.2 Severity 2
      - i. The host presses the remove button 'X'
      - ii. It should remove the votes by the user as well
  - 10. As a user, I would like to connect to a hub near me.
    - a. Search by location option test 10.1 Severity 2
      - i. Try to join a hub
      - ii. See an option of location based hubs
    - b. Identify Location correctly test 10.2 Severity 2
      - i. Try to join the hub by location option

- ii. Give correct options based on location
  - c. Join hub test 10.3 Severity 2
    - i. Find the correct hub based on location
    - ii. Click the hubname to connect to the hub
- 11. As a user, I would like to sign out of my Google account
  - a. Logout Button Option test 11.1 Severity 2
    - i. Main page display should have an button of logout
    - ii. The button should be clickable
  - b. Logout User Severity test 11.2 Severity 2
    - i. After clicking on the logout button the user should be logged out
    - ii. After clicked, it should go back to home page
- 12. As a user, I would like to see which hubs are near me
  - a. Search by location option test 12.1 Severity 2
    - i. Try to join a hub
    - ii. See an option of location based hubs
  - b. Results of location based search test 12.2 Severity 2
    - i. Identify the location correctly
    - ii. Show the results based on the location
- 13. As a user, I would like to leave a hub
  - a. Leaving a hub test 13.1 Severity 2
    - i. Click back button, and press yes on the leave hub dialog
    - ii. Pull up create/ join hub view
  - b. Leaving a hub test 13.2 Severity 2
    - i. Click back button, and press no on the leave hub dialog
    - ii. Stay in current hub
- 14. As a user, I would like to pull up a YouTube search in app
  - a. Youtube Search tab test 14.1 Severity 2
    - i. Click the "Songs" tab, Type song name, click search button
    - ii. Show songs based on information given
  - b. Youtube Search test 14.2 Severity 2
    - i. Click the "Songs" tab, search up a song, click the song to add it to the playlist
    - ii. Show songs based on search result and then add it to the music queue when clicked on
- 15. As a hub administrator, I would like to see the current video playing on my screen
  - a. Administrator check test 15.1 Severity 2
    - i. The user is the hub administrator
    - ii. The video of the song playing should play on their screen
  - b. Administrator check test 15.2 Severity 3
    - i. The user is not the hub administrator
    - ii. The video of the song playing should not play on his/her screen
- 16. As a user, I would like to automatically be granted access when returning to a hub I have previously provided the correct pin for

- a. Disconnect/Reconnect access test 16.1 Severity 3
  - i. The user should connect to a hub that requires a pin, then disconnect
  - ii. When the user tries to reconnect, they should not have to input the pin again