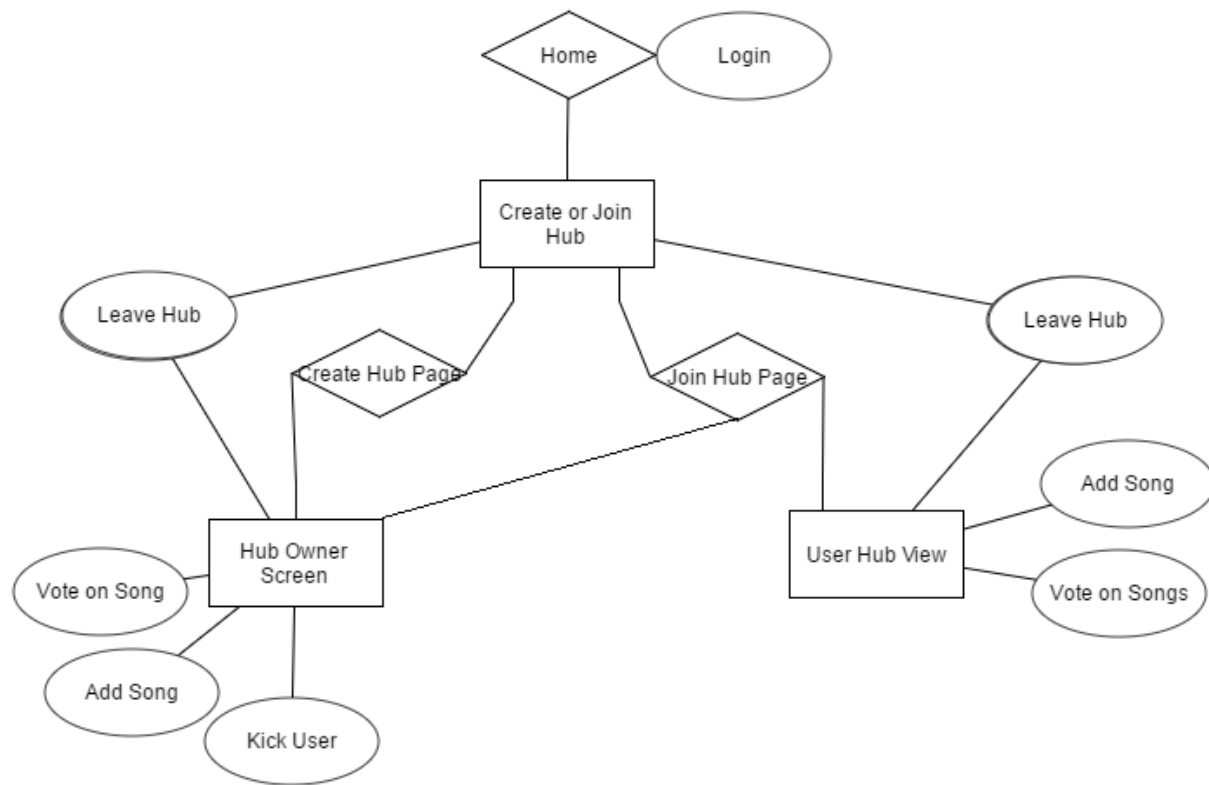


Team 10: MusiQueue-web

Incremental and Regression Testing

Classification of Components

Component Definitions



A user first starts off on the homepage of the app.

Then, the user has to login using his/her Google account.

Next, the user can choose to create or join a hub.

If the user creates a hub, they start off with an empty playlist to which they can add songs as well as upvote and downvote songs.

A hub owner can also kick users from their hub.

If the user chooses to join a hub, they can search for an existing hub by name and go to the user hub view.

On the user hub view, a user can add songs and vote on songs.

A user can also leave the hub that they are on to return to the create/join hub page.

Form of Incremental Testing

We used bottom-up testing for our incremental testing. We did this by creating unit tests for each component to see if they functioned properly isolated from everything else. Then, we added components together as they passed all of their isolation tests and tested the new system.

Testing

Incremental

Product	Home, Login/Logout		
Date	9/28/2017		
Author	Vincent Maggioli		
Defect #	Description	Severity	How Corrected
1	New text and buttons are stuck flush to the left side of the page	1	Create a new .css stylesheet for the page only and define different styles for each part of the component
2	Logout button style changed back to standard button style from the former header bar style	2	Remove the logout button from the home page and put it in app.component.html, so it can be in the header and displayed throughout the app. This also will allow the button to inherit the stylesheet we had applied before

Product	Create Hub, Route to new Hub		
Date	9/28/2017		
Author	Samuel Kuhns		
Defect #	Description	Severity	How Corrected
1	Text Boxes and buttons left justified on page	1	Update .css stylesheet for the page
2	Text length and type not regulated	1	Update html to limit invalid input
3			

Product	Hub View		
Date	9/29/2017		
Author	Brian Hanford, Sairam Galla		
Defect #	Description	Severity	How Corrected
1	The remove song feature allows the song currently playing to be removed from the playlist.	2	Do not include the remove button on the song item on the playlist that is currently playing.
2	A user on a hub can vote on a song as many times as he/she wants.	2	Allow each user to upvote or downvote on a song. After the user does one, that button should be unclickable and the user can choose to change his/her vote to the other option.
3	The first song in the list can be moved up and down within the queue, but it needs to remain at the top to indicate that it is the currently playing song	1	Put in a check to disable the upvote/downvote functionality for the first song in the queue

Product	Join/ Search Hub		
Date	9/29/2017		
Author	Neil Amin		
Defect #	Description	Severity	How Corrected
1	Search function stops accepting user input sometimes	1	End variable not properly set.
2	User cannot click on hub to join	1	Made list of hubs clickable not static.

Regression

Product	Home, Login/Logout		
Date	9/28/2017		
Author	Vincent Maggioli		
Defect #	Description	Severity	How Corrected
1	Logging in changes the web URL to the proper page but the page component does not load	3	Add a <router-outlet> tag to each html file so the compiler knows these components are a part of navigation

Product	Create Hub, Route to new Hub		
Date	9/28/2017		
Author	Samuel Kuhns		
Defect #	Description	Severity	How Corrected
1	Title did not move correctly with other screen imports	1	Add title to .css and file move it correctly

Product	Hub View		
Date	9/29/2017		
Author	Brian Hanford, Sairam Galla		
Defect #	Description	Severity	How Corrected
1	After allowing the songs to reorder based on the number of votes, a song that was added to the playlist first can appear after another song that has the same number of votes.	1	The time created is checked for each song to ensure that a song created first that has the same number of votes as another song will always appear first.
2	After we implemented the create a hub feature, the new hub created cannot load the next video to play after songs are added to	3	Make sure there is at least one song on the playlist before loading the first video from

	the playlist.		Youtube.
3			

Product	Join/ Search Hub		
Date	9/29/2017		
Author	Neil Amin		
Defect #	Description	Severity	How Corrected
1	Search function doesn't work with a partial word. I.E(searching for letter 'a' or 'ar' in mark.)	1	Changed the way the searching algorithm works so partial word searches are allowed
2			
3			