Audio Player Request

April 1, 2021

OBJECTIVE

The Jammming web-application should incorporate a media player to be able to preview a song before it's saved.

BACKGROUND

When searching for music, many times there are songs that have similar names, or even multiple versions by the same artist. In order to make an accurate playlist the user should be able to listen to the songs on the playlist as they add them. An example of this might be "Song A" by "That Band" may have a version from their first roughly recorded album, and another version off of their live album recorded 20 years later… much different animals.

TECHNICAL DESIGN

This media should have the ability to play songs as they are added. This would involve loading the file from Spotify, which is available from the API. There would have to be another component with a play/pause function to stream the first 30 seconds of added songs. This would involve not only streaming the selected song, but having a method in order to select it.

CAVEATS

This recommendation would add significant bandwidth increases to the application. Not only would the user have to be able to have the connection available to stream the music, but they would also have to have a method to physically play the music (such as headphones or speakers on their system). This could also fall under Spotify's commercial umbrella and cause it to be a paid system. All are systems that would have to considered before implementing the feature.