

Fresh Taste



Create Playlist Based on Artist

When you select “Create Playlist Based on Artist”, you will be prompted to input an artist. The Spotify Playlist Generator will gather similar artists, and output 10 recommended tracks.



View Your Current Spotify Playlists

When you select “View Your Current Spotify Playlists”, you will be prompted to input your username. The Spotify Playlist Generator will output the names of all your Spotify playlists.



Create Playlist Based on Weather

When you select “Create Playlist Based on Weather”, the program will gather information about the current weather in Syracuse. The weather will indicate either an upbeat or sad playlist, and the Spotify Playlist Generator will output 10 weather-matching tracks.



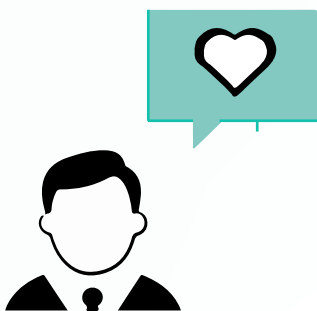
First we require authorization from the User to access their Spotify playlists.



The user then picks one of the three options: Recommendations based on artist, Mood associated with the weather, and viewing your public playlist(s).



The program loops through the codes and picks the function that matches the user's input.



If the user inputs an artist. The API looks up the inputted artist and associated Spotify ID number, it then finds songs related to the artist based on genre, danceability, etc.



Our playlist option based on weather uses three APIs. The Dark-Sky API, Sentiment, and Spotify API. The user inputs the weather, and the weather is associated with a mood using the sentiment analysis. Then, Spotify fetches a playlist based on the mood.



The third option is to view a list of all your public playlists and the playlist ID. Spotify hides playlists that you don't use often. This would show you all of them, even the forgotten ones.