Add Match

TMDB-API

Spotify-API

Soundtrack-Guesser Backend

GET /search/movie?query=(query)

GET /search?type=track&q=(query)

Send Movie search request

Wait for Movie search Response

Send Tracksearch request

Wait for Track search Response

Save Match to DB

matchID, trackID

GET /movies/search/(query)

GET /tracks/search/(query)

POST /match

Soundtrack-Guesser Frontend

Type Movie search query

Send Search Request to Backend

Wait for Search Results

Select Movie

Click Button "Submit"

Send new Match to Backend

Wait for Response with saved Match

Type Track search query

Send Search Request to Backend

Wait for Search Results

Select Track

Click Button "Abort"

Create Game

TMDB-API

Spotify-API

Soundtrack-Guesser

GET /game

Soundtrack-Guesser

Create new Game

Get all Matches from DB

GET /movie/{id}

GET tracks/{id}

Send Request for Movie Data by ID

Wait for Movie Data

Send Request for Track Data by ID

Wait for TrackData

For each MovieID from DB

For each TrackID from DB

DB

Number of matches < 30?

No

Yes

No

created 10 Rounds?

Randomly choose 3 remaning Movie

Choose one from selected Movies

Take Track for chosen Movie

Create Game Object from Rounds

Game

Round