

GRUPO 1 EQUIPO VERDE

EQUIPO:

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SONG:

- **GET:** List<SongDTO> getAllSongs();
 - <http://localhost:4200/kreitekfy/songs>

JSON:

```
[{
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "album_name": "",
  "album_image": "",
  "artist_id": 0,
  "artist_name": "",
  "genre_id": 0,
  "genre_name": "",
  "reproductions": 0,
  "rating": 0,
},]
```

- **GET:** Optional<SongDTO> getSongById(Long songId);
 - <http://localhost:4200/kreitekfy/song/{songId}>

JSON:

```
{
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "album_name": "",
  "album_image": "",
  "artist_id": 0,
  "artist_name": "",
  "genre_id": 0,
```

```

    "genre_name": "",
    "reproductions": 0,
    "rating": 0,
  }
  - GET: Optional<SongDTO> getAllSongsByArtistId(Long artistId);
    - http://localhost:4200/kreitekfy/songs/artist/{artistId}
  - GET: Optional<SongDTO> getAllSongsByAlbumId(Long albumId);
    - http://localhost:4200/kreitekfy/songs/album/{albumId}
  - GET: Optional<SongDTO> getAllSongsByGenreId(Long genreId);
    - http://localhost:4200/kreitekfy/songs/genre/{genreId}

```

JSON:

```

[ {
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "album_name": "",
  "album_image": "",
  "artist_id": 0,
  "artist_name": "",
  "genre_id": 0,
  "genre_name": "",
  "reproductions": 0,
  "rating": 0,
}, ]

```

- **POST:** SongDTO saveArtist(SongDTO songDto);
 - http://localhost:4200/kreitekfy/songs

JSON:

```

{
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "artist_id": 0,
  "genre_id": 0,
}

```

- **PATCH:** SongDTO updateArtist(SongDTO songDto);

- <http://localhost:4200/kreitekfy/songs>

JSON:

```
{
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "artist_id": 0,
  "genre_id": 0,
}
```

- **DELETE:** void deleteSong(Long songId);
 - <http://localhost:4200/kreitekfy/song/{songId}>

JSON:

```
{
  "id": 0,
}
```

- **GET:** Page<SongDTO> getSongsByCriteriaStringPaged(Pageable pageable, String filter);
 - <http://localhost:4200/kreitekfy/songs?filter>

JSON:

```
[{
  "id": 0,
  "name": "",
  "length": 0,
  "releaseDate": "dd-MM-yyyy",
  "album_id": 0,
  "album_name": "",
  "album_image": "",
  "artist_id": 0,
  "artist_name": "",
  "genre_id": 0,
  "genre_name": "",
  "reproductions": 0,
  "rating": 0,
}]
```

- Los siguientes endpoints no son necesarios, pero nosotros vamos a añadirlos.

USERS:

- **GET:** List<UserDTO> getAllUsers();
 - http://localhost:4200/kreitekfy/users
- **GET:** Optional<UserDTO> getUserById(Long userId);
 - http://localhost:4200/kreitekfy/user/{userId}
- **POST:** UserDTO saveUser(UserDTO userDto);
 - http://localhost:4200/kreitekfy/users
- **DELETE:** void deleteUser(Long userId);
 - http://localhost:4200/kreitekfy/user/{userId}

ARTIST:

- **GET:** List<ArtistDTO> getAllArtists();
 - http://localhost:4200/kreitekfy/artists
- **GET:** Optional<ArtistDTO> getArtistById(Long artistId);
 - http://localhost:4200/kreitekfy/artist/{artistId}
- **POST:** ArtistDTO saveArtist(ArtistDTO artistDto);
 - http://localhost:4200/kreitekfy/artists
- **DELETE:** void deleteArtist(Long artistId);
 - http://localhost:4200/kreitekfy/artist/{artistId}

ALBUM:

- **GET:** List<AlbumDTO> getAllAlbums();
 - http://localhost:4200/kreitekfy/albums
- **GET:** Optional<AlbumDTO> getAlbumById(Long albumId);
 - http://localhost:4200/kreitekfy/album/{albumId}
- **GET:** Optional<AlbumDTO> getAllAlbumsByArtistId(Long artistId);
 - http://localhost:4200/kreitekfy/albums/artist/{artistId}
- **POST:** AlbumDTO saveAlbum(AlbumDTO albumDto);
 - http://localhost:4200/kreitekfy/albums
- **PATCH:** AlbumDTO updateAlbum(AlbumDTO albumDto);
 - http://localhost:4200/kreitekfy/albums
- **DELETE:** void deleteAlbum(Long albumId);
 - http://localhost:4200/kreitekfy/album/{albumId}

GENRE:

- **GET:** List<GenreDTO> getAllGenres();
 - http://localhost:4200/kreitekfy/genres
- **GET:** Optional<GenreDTO> getGenreById(Long genreId);
 - http://localhost:4200/kreitekfy/genres/{genreId}
- **POST:** GenreDTO saveGenre(GenreDTO genreDto);
 - http://localhost:4200/kreitekfy/genres
- **PATCH:** GenreDTO saveGenre(GenreDTO genreDto);
 - http://localhost:4200/kreitekfy/genres
- **DELETE:** void deleteGenre(Long genreId);
 - http://localhost:4200/kreitekfy/genres/{genreId}

RATING:

- **GET:** List<RatingDTO> getAllRatings();
 - http://localhost:4200/kreitekfy/ratings
- **GET:** Optional<RatingDTO> getRatingsBySongId(Long songId);
 - http://localhost:4200/kreitekfy/rating/{songId}
- **POST:** RatingDTO saveRating(RatingDTO ratingDto);
 - http://localhost:4200/kreitekfy/ratings
- **DELETE:** void deleteRating(Long ratingId);
 - http://localhost:4200/kreitekfy/rating/{ratingId}

REPRODUCTION:

- **GET:** List<ReproductionDTO> getAllReproductions();
 - http://localhost:4200/kreitekfy/reproductions
- **GET:** Optional<ReproductionDTO> getReproductionsBySongId(Long songId);
 - http://localhost:4200/kreitekfy/reproduction/{songId}
- **POST:** ReproductionDTO saveReproduction(ReproductionDTO reproductionDto);
 - http://localhost:4200/kreitekfy/reproductions
- **DELETE:** void deleteReproduction(Long artistId);
 - http://localhost:4200/kreitekfy/reproduction/{reproductionId}