

## 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": "",
  "views": 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": "",
}
```

```

    "views": 0,
    "rating": 0,
  }
  - GET: List<SongDTO> getAllSongsByArtistId(Long artistId);
    - http://localhost:4200/kreitekfy/artist/{artistId}/songs
  - GET: List<SongDTO> getAllSongsByAlbumId(Long albumId);
    - http://localhost:4200/kreitekfy/album/{albumId}/songs
  - GET: List<SongDTO> getAllSongsByGenreId(Long genreId);
    - http://localhost:4200/kreitekfy/genre/{genreId}/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": "",
  "views": 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": "",
  "views": 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/song/{songId}/ratings
- **POST:** RatingDTO saveRating(RatingDTO ratingDto);
  - http://localhost:4200/kreitekfy/ratings
- **DELETE:** void deleteRating(Long ratingId);
  - http://localhost:4200/kreitekfy/rating/{ratingId}

#### **VIEWS:**

- **GET:** List<ViewDTO> getAllViews();
  - http://localhost:4200/kreitekfy/views
- **GET:** Optional<ViewDTO> getViewsBySongId(Long songId);
  - http://localhost:4200/kreitekfy/song/{songId}/views
- **POST:** ViewDTO saveView(ViewDTO viewDto);
  - http://localhost:4200/kreitekfy/views
- **DELETE:** void deleteView(Long viewId);
  - http://localhost:4200/kreitekfy/view/{viewId}