**Style**

***Endpoint:***

List<Style> getAllStyles();

**Json:**

[{

"id" : "1",

"name": " Estilo1 "

},

{

"id" : "2",

"name": " Estilo2 "

}]

***Endpoint:***

Optional<Style> getStyleById(Long styleId);

Si no existe error 404

***Json:***

{

"id" : "1",

"name": " Estilo1 "

}

***Endpoint: (post)***

Style saveStyle(Style style);

***Json:***

{

"name" : "Estilo1"

}

***Endpoint:***

void deleteStyle(Long styleId);

***Endpoint: (patch)***

Style saveStyle(Style style)

***Json:***

{

"name" : "Estilo nuevo"

}

***Endpoint:***

Page<Style> findAll(Pageable pageable, String filter)

***Json:***

{

"content": [

{

"id": 1,

"name": "hip-hop"

}

],

"pageable": {

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"offset": 0,

"pageNumber": 0,

"pageSize": 20,

"paged": true,

"unpaged": false

},

"last": true,

"totalPages": 1,

"totalElements": 1,

"size": 20,

"number": 0,

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"first": true,

"numberOfElements": 1,

"empty": false

}

**Artist**

***Endpoint:***

List<Artist> getAllArtists();

***Json:***

[{

"id" : "1",

"name": " Alexis Bustamante "

},

{

"id" : "2",

"name": " The Beatles "

}]

***Endpoint:***

Optional<Artist> getArtistById(Long artistId);

***Json:***

[{

"id" : "1",

"name": " Alexis Bustamante "

}]

***Endpoint: (post)***

Artist saveArtist(Artist artist);

***Json:***

{

"name" : "Alexis Bustamante"

}

***Endpoint:***

void deleteArtist(Long artistId);

***Endpoint: (patch)***

Artist saveArtist(Artist artist);

***Json:***

{

"name" : "Alexis Bisbal"

}

***Endpoint:***

Page<Artist> findAll(Pageable pageable, String filter)

***Json:***

{

"content": [

{

"id": 1,

"name": "Alexis Bustamante"

}

],

"pageable": {

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"offset": 0,

"pageNumber": 0,

"pageSize": 20,

"paged": true,

"unpaged": false

},

"last": true,

"totalPages": 1,

"totalElements": 1,

"size": 20,

"number": 0,

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"first": true,

"numberOfElements": 1,

"empty": false

}

**Album**

*Endpoint:*

List<Album> getAllAlbums();

***Json:***

[{

"name" : "ejemplo",

"description": "hola"

}]

***Endpoint:***

Optional<Album> getAlbumById(Long albumId);

***Json:***

[{

"name" : "ejemplo",

"description": "hola"

}]

***Endpoint: (post)***

Album saveAlbum(Album album);

***Json:***

{

"name" : "ejemplo",

"description": "hola"

}

***Endpoint:***

void deleteAlbum(Long albumId);

***Endpoint: (patch)***

Album saveAlbum(Album album);

***Json:***

{

"name" : "nombre",

"description": "prueba"

}

**Song**

***Endpoint:***

List<Song> getAllSongs();

***Json:***

[{

"id": 1,

"name": "alo",

"image": null,

"duration": null,

"dateLaunch": null,

"albumId": 1,

"albumName": null,

"artistId": 1,

"artistName": null,

"styleId": 1,

"styleName": null

}]

***Endpoint:***

Optional<Song> getSongById(Long songId);

***Json:***

{

"id": 1,

"name": "alo",

"image": null,

"duration": null,

"dateLaunch": null,

"albumId": 1,

"albumName": null,

"artistId": 1,

"artistName": null,

"styleId": 1,

"styleName": null

}

***Endpoint: (post)***

Song saveSong(Song song);

***Json:***

{

"name" : "alo",

"albumId": 1,

"artistId" : 1",

"styleId": 1,

}

***Endpoint:***

void deleteSong(Long songId);

***Endpoint:***

List<Song> getSongsByStyle(Long styleId);

***Json:***

[{

"id": 1,

"name": "alo",

"image": null,

"styleId": 1,

"styleName": “estilo1”

}]

***Endpoint:***

List<Song> getSongsByArtist(Long artistId);

***Json:***

[{

"id": 1,

"name": "alo",

"image": null,

"artistId": 1,

"artistName": “artist1”

}]

***Endpoint:***

List<Song> getSongsByAlbum(Long albumId);

***Json:***

[{

"id": 1,

"name": "alo",

"image": null,

"albumId": 1,

"albumName": “album1”

}]

***Endpoint: (patch)***

Song saveSong(Song song);

***Json:***

{

"name" : "hola",

"albumId": 1,

"artistId" : 1",

"styleId": 1,

}

***Endpoint:***

Page<Song> findAll(Pageable pageable, String filter);

***Json:***

{

"content": [

{

"id": 1,

"name": "alo",

"image": null,

"duration": null,

"dateLaunch": null,

"albumId": 1,

"albumName": "ejemplo",

"artistId": 1,

"artistName": "Alexis Bustamante",

"styleId": 1,

"styleName": "hip-hop"

}

],

"pageable": {

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"offset": 0,

"pageNumber": 0,

"pageSize": 20,

"paged": true,

"unpaged": false

},

"last": true,

"totalPages": 1,

"totalElements": 1,

"size": 20,

"number": 0,

"sort": {

"empty": true,

"sorted": false,

"unsorted": true

},

"first": true,

"numberOfElements": 1,

"empty": false

}

**User**

***Endpoint:***

List<User> getAllUsers();

***Json:***

[{

"name" : "Juan",

"admin": "true"

},

{

"name" : "María",

"admin": "false"

}]

***Endpoint:***

Optional<User> getUserById(Long userId);

***Json:***

[{

"name" : "Juan",

"admin": "true"

}]

***Endpoint: (post)***

User saveUser(User user);

***Json:***

{

"name" : "Juan",

"admin": "true"

}

***Endpoint:***

void deleteUser(Long userId);

***Endpoint: (patch)***

User saveUser(User user);

***Json:***

{

"name" : "pepe",

"admin": "false"

}

**Rating**

***Endpoint:***

List<Rating> getAllRatings()

***Json:***

{

"id": 1,

"quantity": 4,

"userId": 1,

"songId": 1

}

***Endpoint:***

Optional<Rating> getRatingById(Long ratingId)

***Json:***

{

"id": 1,

"quantity": 4,

"userId": 1,

"songId": 1

}

***Endpoint: (post)***

Rating saveRating(Rating rating)

***Json:***

{

"id": 1,

"quantity": 4,

"userId": 1,

"songId": 1

}

***Endpoint:***

void deleteRating(Long ratingId)

***Endpoint: (patch)***

Rating saveRating(Rating rating)

***Json:***

{

"id": 1,

"quantity": 2,

"userId": 1,

"songId": 1

}

**Views**

***Endpoint:***

List<Views> getAllViews()

***Json:***

{

"id": 1,

"quantity": 12000,

"userId": 1,

"songId": 1

}

***Endpoint:***

Optional<Views> getViewsById(Long viewsId)

***Json:***

{

"id": 1,

"quantity": 12000,

"userId": 1,

"songId": 1

}

***Endpoint: (post)***

Views saveViews(Views views)

***Json:***

{

"id": 1,

"quantity": 12000,

"userId": 1,

"songId": 1

}

***Endpoint:***

void deleteViews(Long viewsId)

***Endpoint: (patch)***

Views saveViews(Views views)

***Json:***

{

"id": 1,

"quantity": 1200000,

"userId": 1,

"songId": 1

}