

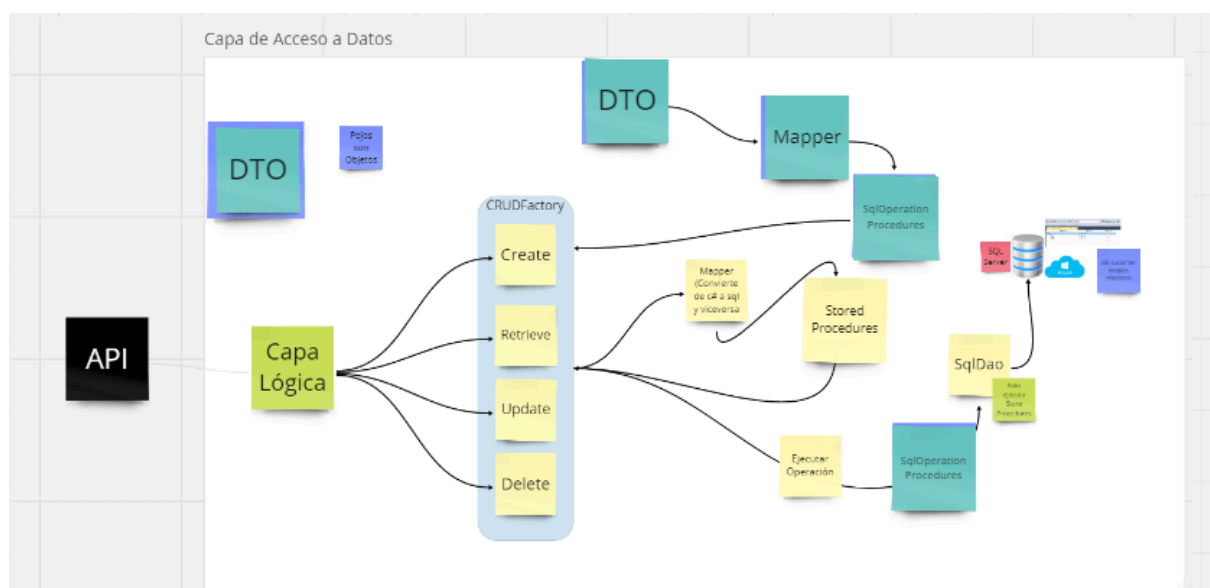
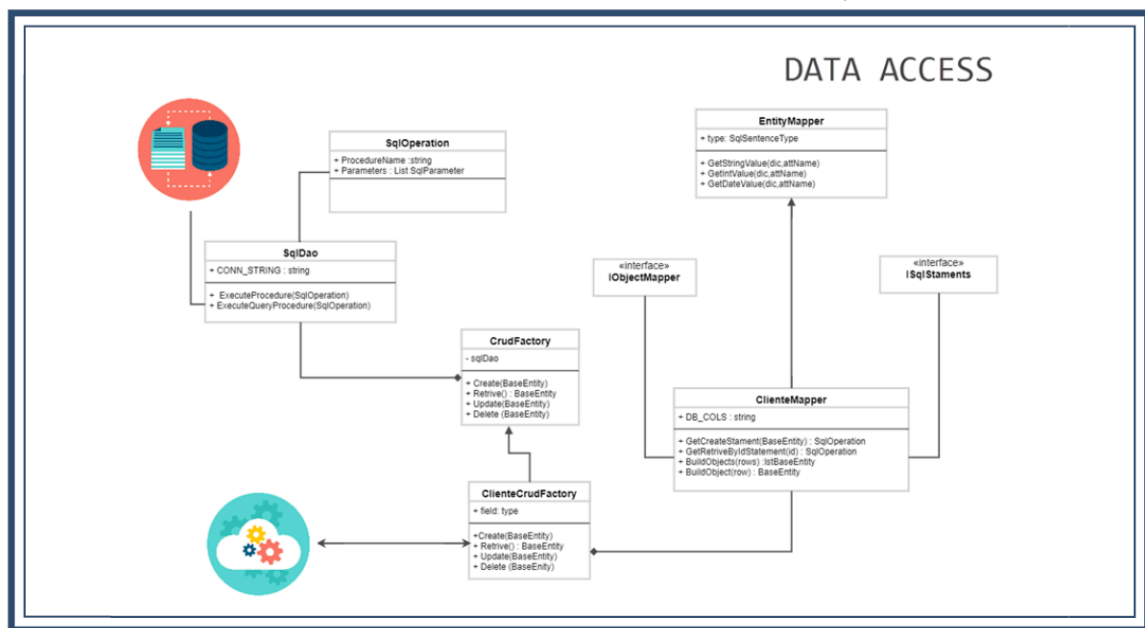
PRUEBA | ÁREA DESARROLLO DE SOFTWARE

Angie Garro Martínez

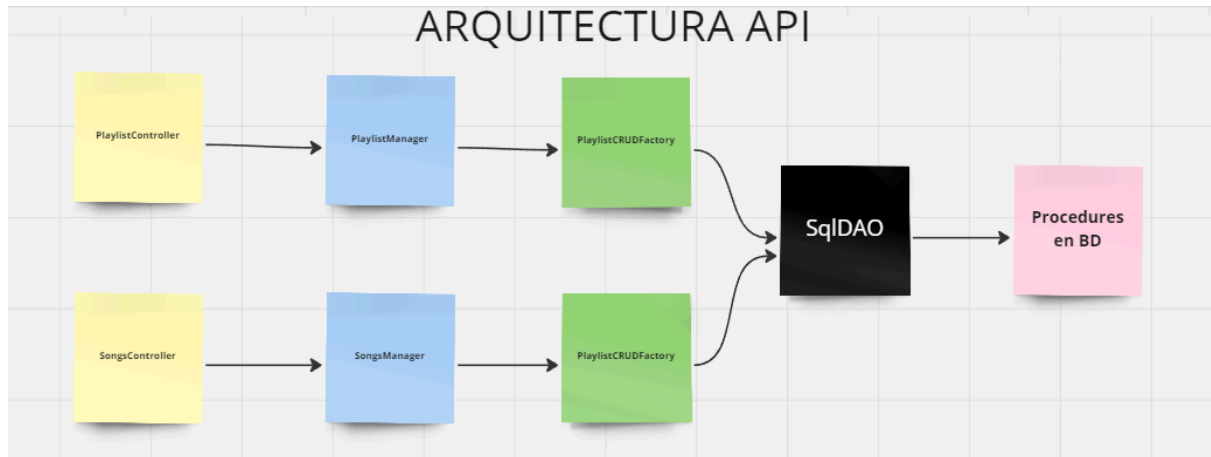
Objetivo: Desarrollar una Aplicación de Música en Android Studio y lenguaje Java, la cual debe permitir crear nuevos PlayList que se registrarán en la tabla correspondiente, modificar dichos PlayList, así como, incluirle canciones presentes del catálogo de canciones.

Arquitectura

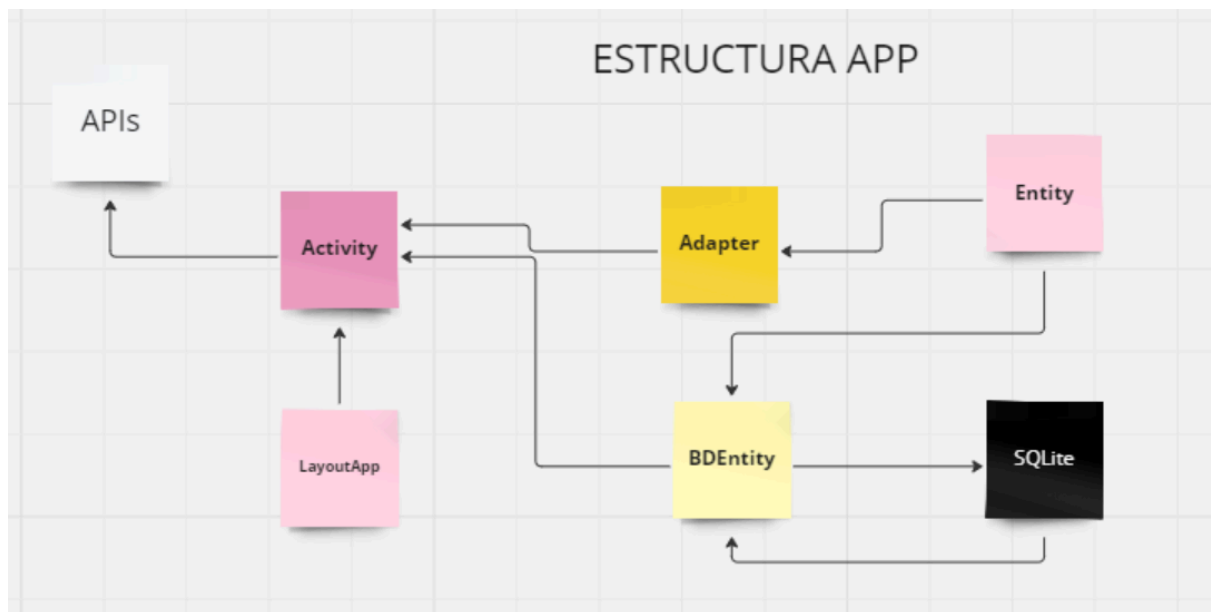
Capa acceso datos



ARQUITECTURA API

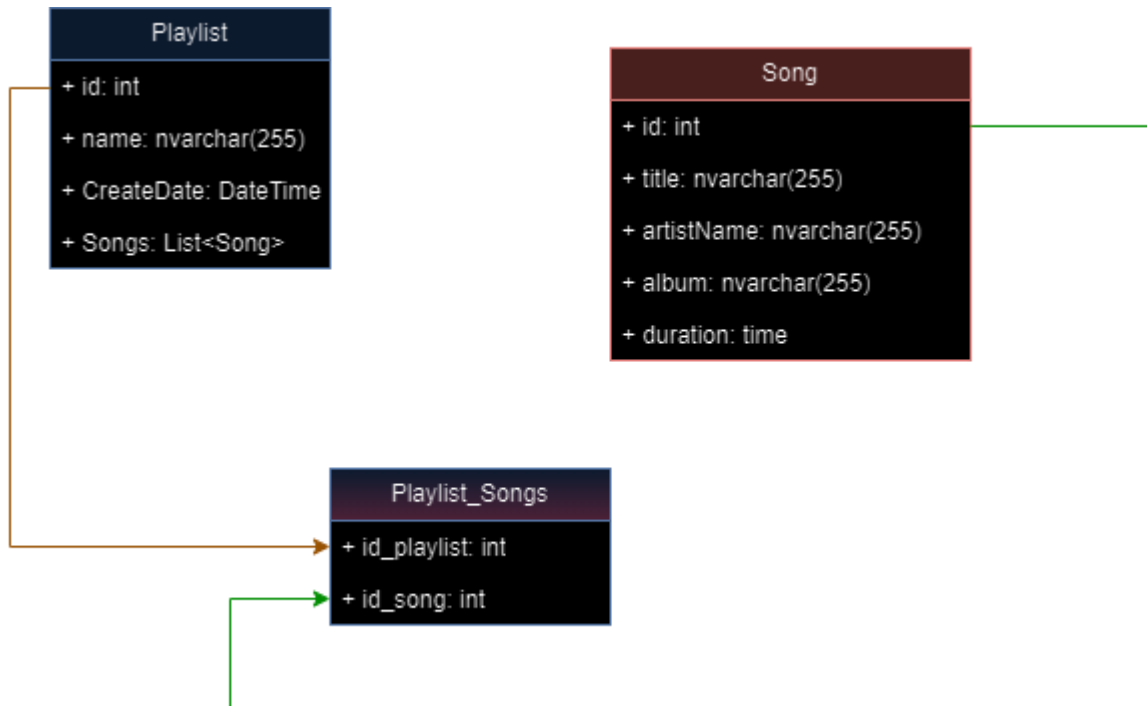


ESTRUCTURA APP



Modelado de la Base de Datos

Para la API se va a usar una base de Datos Relacional SQL, los scripts y la bd se va a manipular desde la herramienta **Microsoft SQL Server Management Studio**.



Pruebas

Curl

```
curl -X 'POST' \
  'https://localhost:7237/api/Song/Create' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "title": "Some Song Title",
    "artistName": "Some Artist",
    "album": "Some Album",
    "duration": "00:03:45"
  }'
```

Request URL

https://localhost:7237/api/Song/Create

Server response

Code	Details
200	<p>Response body</p> <pre>{ "title": "Some Song Title", "artistName": "Some Artist", "album": "Some Album", "duration": "00:03:45", "id": 0 }</pre> <p>Response headers</p> <pre>content-type: application/json; charset=utf-8 date: Thu, 06 Jun 2024 04:43:32 GMT server: Kestrel</pre>

Responses

Code	Description	Links
200	Success	No links

Request URL

https://localhost:7237/api/Song/RetrieveAll

Server response

Code

Details

200

Response body

```
[
  {
    "title": "Song Title",
    "artistName": "Artist Name",
    "album": "Album Name",
    "duration": "00:03:45",
    "id": 1
  },
  {
    "title": "FIRST",
    "artistName": "N33",
    "album": "Extreme",
    "duration": "00:03:49",
    "id": 2
  },
  {
    "title": "Some Song Title",
    "artistName": "Some Artist",
    "album": "Some Album",
    "duration": "00:03:45",
    "id": 3
  }
]
```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 06 Jun 2024 04:45:37 GMT
server: Kestrel
```

Responses

Code

Description

Links

200

Success

No links

JSON Ejemplo de Inclusión

JSON	<pre>{ "title": "Some Song Title", "artistName": "Some Artist", "album": "Some Album", "duration": "00:03:45" }</pre>
Request	https://localhost:7237/api/Song/Create