Script banco de dados – Spotify

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CREATE TABLE users (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255),

email VARCHAR(255) UNIQUE,

password VARCHAR(255),

subscription\_plan\_id BIGINT UNSIGNED,

created\_at TIMESTAMP,

updated\_at TIMESTAMP

);

CREATE TABLE artists (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255),

bio TEXT,

created\_at TIMESTAMP,

updated\_at TIMESTAMP

);

CREATE TABLE songs (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(255),

artist\_id BIGINT UNSIGNED,

duration INT,

file\_path VARCHAR(255),

created\_at TIMESTAMP,

updated\_at TIMESTAMP,

FOREIGN KEY (artist\_id) REFERENCES artists(id)

);

CREATE TABLE subscription\_plans (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255),

price DECIMAL(8, 2),

duration\_in\_days INT,

created\_at TIMESTAMP,

updated\_at TIMESTAMP

);

CREATE TABLE user\_subscriptions (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

user\_id BIGINT UNSIGNED,

subscription\_plan\_id BIGINT UNSIGNED,

start\_date TIMESTAMP,

end\_date TIMESTAMP,

status ENUM('active', 'expired', 'canceled'),

created\_at TIMESTAMP,

updated\_at TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (subscription\_plan\_id) REFERENCES subscription\_plans(id)

);

CREATE TABLE payments (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

user\_id BIGINT UNSIGNED,

subscription\_plan\_id BIGINT UNSIGNED,

transaction\_id VARCHAR(255),

amount DECIMAL(8, 2),

payment\_status ENUM('pending', 'completed', 'failed'),

created\_at TIMESTAMP,

updated\_at TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (subscription\_plan\_id) REFERENCES subscription\_plans(id)

);

**USERS:**  
    id  
    name  
    email  
    password  
    subscription\_plan\_id  
    created\_at  
    updated\_at

**ARTISTS:**  
    id  
    name  
    bio  
    created\_at  
    updated\_at

**SONGS:**  
    id  
    title  
    artist\_id  
    duration  
    file\_path  
    created\_at  
    updated\_at

**SUBSCRIPTION\_PLANS:**  
    id  
    name  
    price  
    duration\_in\_days  
    created\_at  
    updated\_at

**USER\_SUBSCRIPTIONS:**  
    id  
    user\_id  
    subscription\_plan\_id  
    start\_date  
    end\_date  
    status  
    created\_at  
    updated\_at

**PAYMENTS:**  
    id  
    user\_id  
    subscription\_plan\_id  
    transaction\_id  
    amount  
    payment\_status  
    created\_at  
    updated\_at