

Conventions

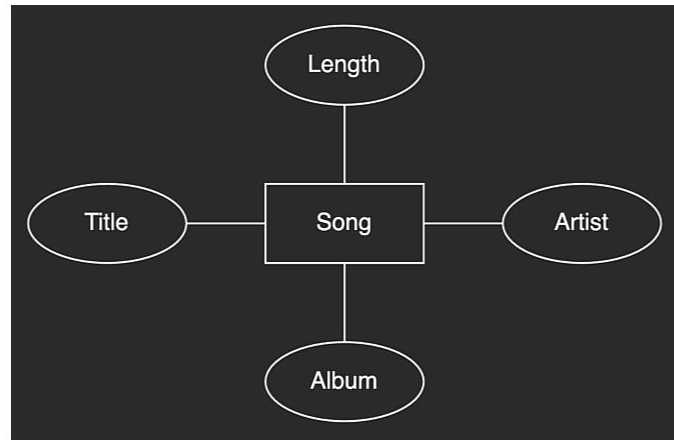
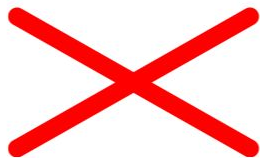
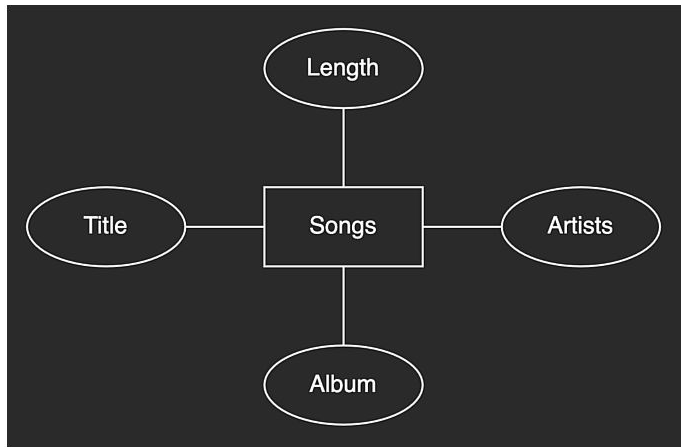
Conventions

A convention is an agreement

Guidelines for how to write code

Improve readability of code

Entity and Attribute names in singular form



Tables

Column names in singular form, e.g. **song_title**

Table name in plural form, e.g. **songs**

Many-to-many bridge tables named with referenced table names joined by underscore, e.g. **artists_songs**



Table Names: **artists** **artists_songs** **songs**

Primary keys of type **SERIAL**, named id

Bridge tables use **composite** primary key of the foreign key columns

Foreign keys of type **INTEGER**, named as *referenced_entity_name_id*

e.g. **concerts** table references **venues** table with foreign key of **venue_id**

snake_case for table names, column names, key names

Case Types
camelCase
kebab-case
PascalCase
snake_case
SCREAMING_SNAKE_CASE
UPPERCASE

snake_case for table names, column names, key names

UPPERCASE for SQL language keywords

```
create table menu_items (  
    id serial,  
    CALORIE_COUNT integer,  
    pRiMaRy KeY(id)  
);
```



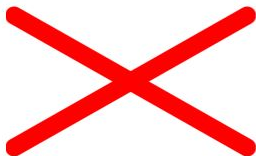
```
CREATE TABLE menu_items (  
    id SERIAL,  
    calorie_count INTEGER,  
    PRIMARY KEY(id)  
);
```



snake_case for table names, column names, key names

UPPERCASE for SQL language keywords

Place comments above relevant query



```
CREATE TABLE menu_items (  
    id SERIAL,  
    calorie_count INTEGER,  
    PRIMARY KEY(id)  
);  
  
-- create the table for menu items  
  
CREATE TABLE orders (  
    id SERIAL,  
    amount_total INTEGER,  
    PRIMARY KEY(id)  
);
```

```
-- create the table for menu items  
CREATE TABLE menu_items (  
    id SERIAL,  
    calorie_count INTEGER,  
    PRIMARY KEY(id)  
);  
  
CREATE TABLE orders (  
    id SERIAL,  
    amount_total INTEGER,  
    PRIMARY KEY(id)  
);
```



snake_case for table names, column names, key names

UPPERCASE for SQL language keywords

Place comments above relevant query

Maximum line length of 80 characters

Summary

Decisions made up-front won't need to be made again

Only guidelines, not requirements

Learn the rules before you break them

Conventions provide consistency