Spotify- Conceptual Data Model Diagram

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Diagram Key

- Existing table
- Proposed table

Artists

Field	Type
artist_id	INT, PK, Not Null
artist_name	VARCHAR(50)
genre_id	VARCHAR(50)
year_formed	DATE
record_label_id	INT, FK, Not Null
signing_date	DATE, Not Null
num_of_albums	INT, Not Null
on_tour	BOOL, Not Null

Genres

Field	Type
genre_id	INT, PK, Not Null
genre_name	VARCHAR(50), Not Null

Albums

Field	Type
album_id	INT, PK, Not Null
album_name	VARCHAR(50) Not Null
album_artist_id	INT, FK, Not Null
album_total_songs	INT
album_duration	INT
album_genre	VARCHAR(50) Not Null

RecordLabels

Field	Type
record_label_id	INT, PK, Not Null
record_label_name	VARCHAR(50), Not Null
num_of_agents	INT
studio_name	VARCHAR(50)
Field	Type

Songs

Field	Type
song_id	INT, PK, Not Null
song_name	VARCHAR(50)
song_artist_id	INT, FK, Not Null
song_album_id	INT, FK, Not NUll
song_duration	INT Not Null
song_release_date	DATE
song_genre	VARCHAR(50) Not Null

Events

Field	Type
event_id	INT, PK, Not Null
event_location	VARCHAR(50), Not Null
event_name	VARCHAR(50), Not Null
event_date	DATETIME, Not Null
event_ticket_price	DECIMAL, Not Null
event_participant_id	Type
is_available	BOOL, Not Null