Songs

Attribute Name	Description	Data Type	Acceptable Values
songId	Primary Key of song	char(5)	S[0-9]{4}
name	Name of Song	varchar(100)	([A-Z] | [a-z] | [0-9])+
duration	Length of song	time	[0-9]{2} : [0-5][0-9]:[0-5][0-9]
lyrics	Lyrics of the song	Longtext	4,294,967,295 characters

Album

Attribute Name	Description	Data Type	Acceptable Values
albumId	Primary Key for album	char(5)	A[0-9]{4}
name	Name of the album	varchar(100)	([A-Z] | [a-z] | [0-9])+
genreId	Foreign key for genre	char(5)	G[0-9]{4}
labelId	Foreign key for label	char(5)	L[0-9]{4}
recordingType	How the song was recorded	ENUM	("Studio" | "Live")

Song/Album

Attribute Name	Description	Data Type	Acceptable Values
songId	Primary and foreign key for song	char(5)	S[0-9]{4}
albumId	Primary and foreign key for album	char(5)	A[0-9]{4}

Label

Attribute Name	Description	Data Type	Acceptable Values
labelId	Primary Key for labels	char(5)	L[0-9]{4}
name	Name of the label	varchar(100)	([A-Z] | [a-z] | [0-1])+

Genre

Attribute Name	Description	Data Type	Acceptable Values
genreId	Primary key for genre	char(5)	G[0-9]{4}
name	Name of the genre	varchar(100)	([A-Z] | [a-z] | [0-9])+

Band

Attribute Name	Description	Data Type	Acceptable Values
bandId	Primary key for Band	char(5)	B[0-9]{4}
name	Name of the band	varchar(100)	([A-Z] | [a-z] | [0-1])+
size	Size of the band	varchar(100)	[1-9]+

Band/Album

Attribute Name	Description	Data Type	Acceptable Values
bandId	Primary and foreign key for song	char(5)	B[0-9]{4}
albumId	Primary and foreign key for song	Char(5)	A[0-9]{4}

Concert

Attribute Name	Description	Data Type	Acceptable Values
concertId	Primary key for concert	char(5)	C[0-9]{4}
location	Location of the concert	varChar(5)	([A-Z] | [a-z] | [0-9])+ , ([A-Z] | [a-z] | [0-9])+
date	Date of the Concert	date	MM/DD/YYYY

Song/Concert

Attribute Name	Description	Data Type	Acceptable Values
concertId	Primary and foreign key for concert	char(5)	C[0-9]{4}
songId	Primary and foreign key for song	char(5)	S[0-9]{4}

Artist

Attribute Name	Description	Data Type	Acceptable Values
artistId	Primary key for artist	char(5)	R[0-9]{4}
name	Name of the artist	varChar(100)	([A-Z] | [a-z] | [0-9])+

Band/Artist

Attribute Name	Description	Data Type	Acceptable Values
artistId	Primary and foreign key for artist	char(5)	R[0-9]{4}
bandId	Primary and foreign key for band	char(5)	B[0-9]{4}

Song/Band

Attribute Name	Description	Data Type	Acceptable Values
songId	Primary and foreign key for song	char(5)	S[0-9]{4}
bandId	Primary and foreign key for band	char(5)	B[0-9]{4}
ownership	Ownership of the song (original vs cover)	ENUM	(“Origin” | “Cover”)

Playlist

Attribute Name	Description	Data Type	Acceptable Values
playlistId	Primary key for playlist	char(5)	P[0-9]{4}
name	Name of the playlist	varchar(100)	([A-Z] | [a-z] | [0-9]) +

Song/Playlist

Attribute Name	Description	Data Type	Acceptable Values
songId	Primary and foreign key for song	char(5)	S[0-9]{4}
playlistId	Primary and foreign key for playlist	char(5)	P[0-9]{4}