

ER Diagram:

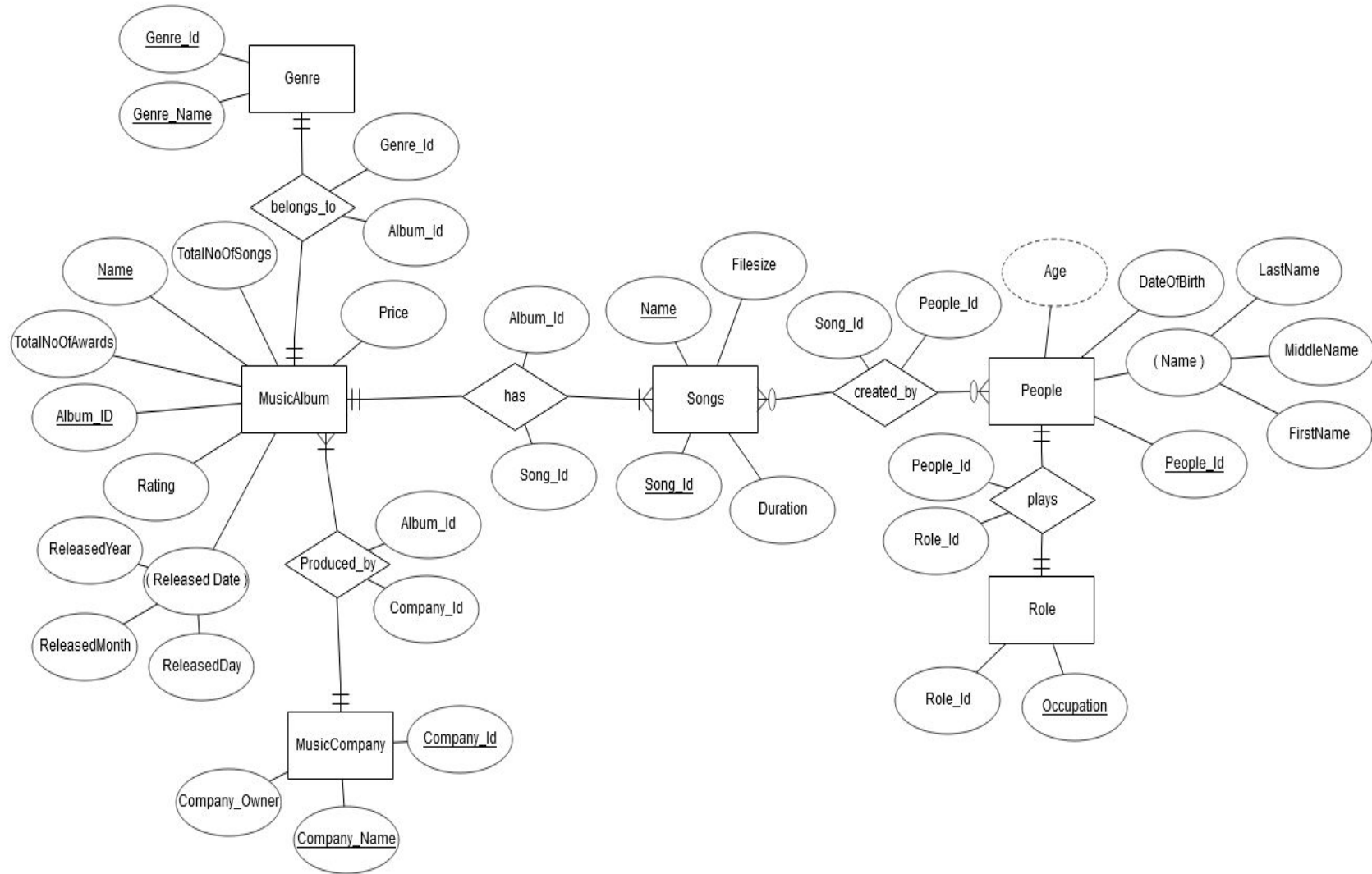


Table for each entity:

```
PRAGMA foreign_keys=OFF;
BEGIN TRANSACTION;
CREATE TABLE Genre(
GenreID INTEGER PRIMARY KEY AUTOINCREMENT,
Type VARCHAR(10) NOT NULL,
UNIQUE (Type)
);
CREATE TABLE MusicCompany(
CompanyID INTEGER PRIMARY KEY AUTOINCREMENT,
Company_Name VARCHAR(10) NOT NULL,
Company_Owner CHAR(10) NOT NULL,
UNIQUE (Company_Name)
);
CREATE TABLE MusicAlbum(
AlbumID INTEGER PRIMARY KEY AUTOINCREMENT,
AlbumName VARCHAR(10) NOT NULL,
ReleaseDay INTEGER NOT NULL,
ReleaseMonth INTEGER NOT NULL,
ReleaseYear INTEGER NOT NULL,
TotalNoOfSongs INTEGER NOT NULL,
TotalNoOfAdwards INTEGER NOT NULL,
```

```
Price REAL DEFAULT 50.00,  
Rating INTEGER DEFAULT 0 check(Rating >=0 AND Rating<=10),  
Company_id INTEGER NOT NULL,  
Genre VARCHAR(10),  
UNIQUE (AlbumName),  
FOREIGN KEY (Company_id) REFERENCES MusicCompany(CompanyID),  
FOREIGN KEY (Genre) REFERENCES genre(GenreID)  
);  
CREATE TABLE Songs(  
SongID INTEGER PRIMARY KEY AUTOINCREMENT,  
SongName VARCHAR(10) NOT NULL,  
Playtime REAL,  
Album_id INTEGER NOT NULL,  
UNIQUE (SongName),  
FOREIGN KEY (Album_id) REFERENCES MusicAlbum(AlbumID)  
);  
CREATE TABLE ROLE(  
RoleID INTEGER PRIMARY KEY AUTOINCREMENT,  
Occupation VARCHAR(10) NOT NULL,  
UNIQUE (Occupation)  
);  
CREATE TABLE People(  
PeopleID INTEGER PRIMARY KEY AUTOINCREMENT,  
Age INTEGER NOT NULL,
```

```
Name VARCHAR(10) NOT NULL,  
DateOfBirth DATE NOT NULL,  
Role_id INTEGER NOT NULL,  
UNIQUE (Name),  
FOREIGN KEY (Role_id) REFERENCES ROLE(RoleID)  
);  
  
CREATE TABLE CreatedBy(  
Song_id INTEGER NOT NULL,  
People_id INTEGER NOT NULL  
);
```