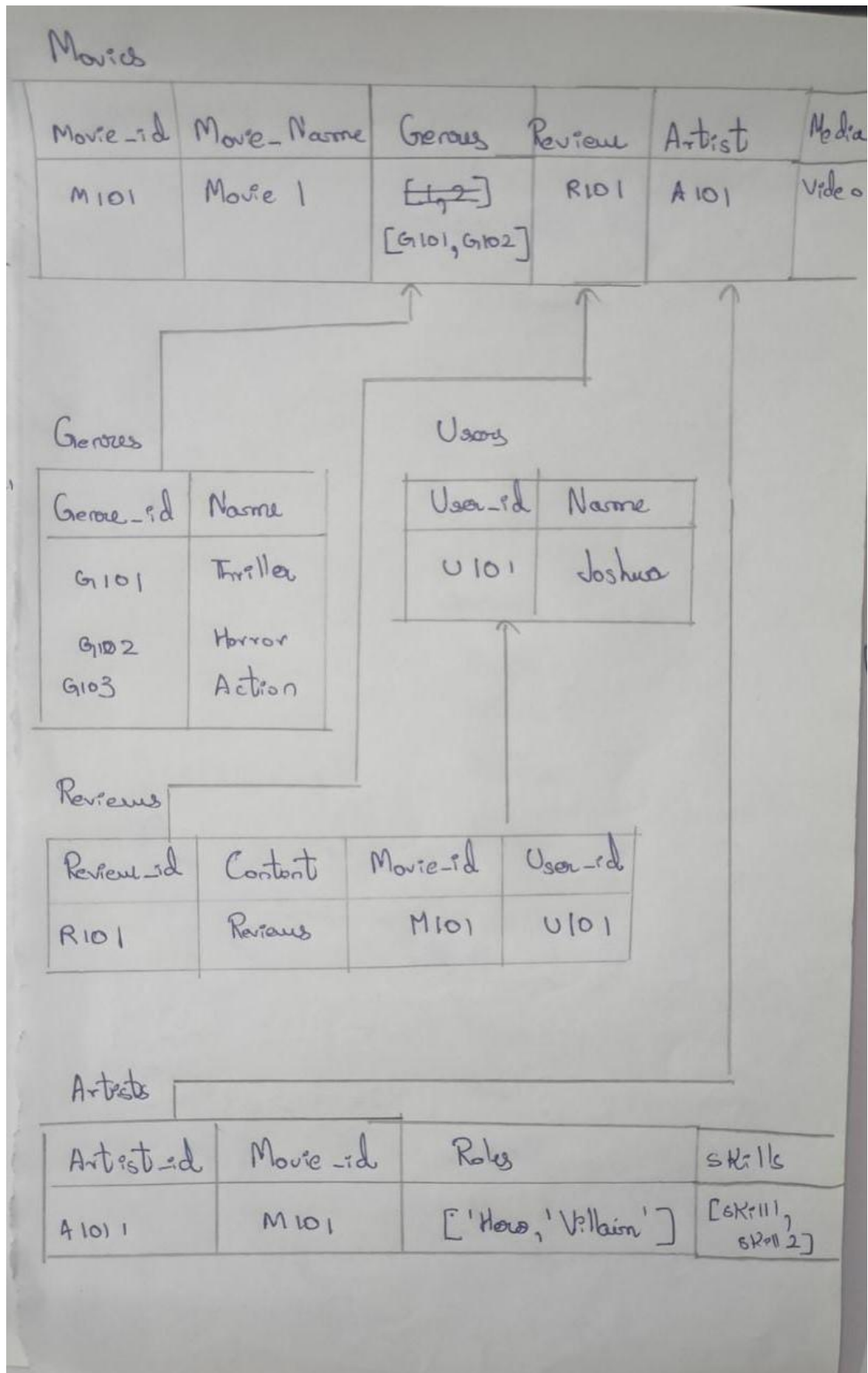


# DATABASE DESIGN



Movie\_DB Database is created

```
CREATE DATABASE Movie_DB ;
```

Movie Table is created

```
CREATE TABLE movie_table(  
    movie_id varchar(255) PRIMARY KEY,  
    movie_name varchar(255),  
    genres JSON,  
    reviews JSON,  
    artists JSON  
);
```

Inserting data into Movie table

```
INSERT INTO movie_db.movie_table  
(movie_id,movie_name,genres,reviews,artists)  
VALUES ('M101','Movie 1',JSON_ARRAY('G101','G202')  
,JSON_ARRAY('R101','R202'),JSON_ARRAY('A101','A202'))
```

Genres table is created

```
CREATE TABLE genres(  
    genres_id varchar(255) PRIMARY KEY,  
    name varchar(255)  
);
```

Inserting data into genres table

```
INSERT INTO movie_db.genres(genres_id,name)  
VALUES('G101','Thriller')
```

Reviews table is created

```
CREATE TABLE reviews(  
    review_id varchar(255) PRIMARY KEY,  
    content varchar(255),  
    movie_id varchar(255),  
    user_id varchar(255)  
);
```

Inserting data into reviews table

```
INSERT INTO
movie_db.reviews(review_id,content,movie_id,user_id)
VALUES ('R101','Movie is Good','M101','U101')
```

Artists table is created

```
) CREATE TABLE artists(
    artist_id varchar(255) PRIMARY KEY,
    movie_id varchar(255),
    roles JSON,
    skills JSON
)
```

Inserting data into artists table

```
INSERT INTO
movie_db.artists(artist_id,movie_id,roles,skills)
VALUES('A101','M101',
JSON_ARRAY('Hero','Villain'),JSON_ARRAY('Acting','singing'))
```

Users Table is created

```
CREATE TABLE users(
    user_id varchar(255) PRIMARY KEY,
    name varchar(255)
)
```

Inserting Data into users table

```
INSERT INTO movie_db.users(user_id,name)
VALUES('U101','User 1')
```

Output

Movie Table

	movie_id	movie_name	genres	reviews	artists
▶	M101	Movie 1	["G101", "G202"]	["R101", "R202"]	["A101", "A202"]
•	NULL	NULL	NULL	NULL	NULL

Genres Table

Result Grid			Filter Rows:	
	genres_id	name		
▶	G101	Thriller		
	G102	Comedy		
*	NULL	NULL		

Reviews Table

Result Grid					Filter Rows:		Edit:
	review_id	content	movie_id	user_id			
	R101	Movie is Awesome	M101	U101			
	R102	Movie is Nice	M101	U102			
▶*	NULL	NULL		NULL			

Artists Table

Result Grid					Filter Rows:		Edit:
	artist_id	movie_id	roles	skills			
	A101	M101	["Heroine", "Villain"]	["Dancing", "singing"]			
✎	A102	M101	["Hero"]	["Direction", "Dancing"]			
*	NULL	NULL	NULL	NULL			

Users Table

Result Grid			Filter
	user_id	name	
▶	U101	User 1	
	U102	User 2	
*	NULL	NULL	