



## 1. Table: director (Entity Table)			
Column Name	Data Type	Constraints	
Description			
-----	-----	-----	-----
director_id	INT	PK, AUTO_INCREMENT	Unique ID for
director			
director_name	VARCHAR(100)	NOT NULL	Full name of
director			
country	VARCHAR(50)	NULL	Nationality of
director			
## 2. Table: genre (Entity Table)			
Column Name	Data Type	Constraints	
Description			
-----	-----	-----	-----
genre_id	INT	PK, AUTO_INCREMENT	Unique ID for
genre			
genre_name	VARCHAR(50)	NOT NULL, UNIQUE	Name of genre (e.g.,
Comedy)			
## 3. Table: actor (Entity Table)			
Column Name	Data Type	Constraints	
Description			
-----	-----	-----	-----
actor_id	INT	PK, AUTO_INCREMENT	Unique ID for
actor			
actor_name	VARCHAR(100)	NOT NULL	Full name of
actor			
country	VARCHAR(50)	NULL	Nationality of
actor			
## 4. Table: content (Core Entity Table)			
Column Name	Data Type	Constraints	
Description			
-----	-----	-----	-----
content_id	INT	PK, AUTO_INCREMENT	Unique ID for
content			
show_id	VARCHAR(50)	NOT NULL, UNIQUE	Original ID from
platform			
platform	VARCHAR(20)	NOT NULL	Netflix /
Hulu			
type	VARCHAR(20)	NOT NULL	Movie / TV
Show			

title content	VARCHAR(200)	NOT NULL	Title of
director_id table	INT	FK → director	Link to director
release_year release	INT	NOT NULL	Year of
rating (e.g., PG)	VARCHAR(20)	NULL	Content rating
duration (min)	VARCHAR(50)	NULL	Duration (e.g., 120
description description	TEXT	NULL	Content
## 5. Table: content_genre (Association Class)			
Column Name Description	Data Type	Constraints	
-----	-----	-----	-----
content_genre_id association	INT	PK, AUTO_INCREMENT	Unique ID for
content_id table	INT	FK → content, NOT NULL	Link to content
genre_id table	INT	FK → genre, NOT NULL	Link to genre
UNIQUE KEY links	-	(content_id, genre_id)	Avoid duplicate