



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