IMDB ERWIN REPORT

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<u>Table</u>

Table
Name
Actor
Admin_DB
Contact_us
Director
Episodes
Genre
Movie
News
Reviews_m
Reviews_t
Sup_movies
Sup_TVshows
Tv_Shows
Users
Watchlist_m
Watchlist_t

Column(s) of "Actor" Table				
Name	Datatype	Null Option	Is PK	Is FK
actor_id	integer	NOT NULL	Yes	No
name	varchar(30)	NOT NULL	No	No
gender	char()	NULL	No	No
age	integer	NULL	No	No
path_img	varchar(max)	NULL	No	No

Child Relationship(s) of "Actor" Table			
Cardinality	FK Name		
One-to-One-or-More (P)	ActorS		
One-to-One-or-More (P)	ActorN		

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert	Parent Delete		
	Cascade	Cascade	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship	
Name	
Actor	

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship				
Parent Insert Parent Update Parent Delete				
	Cascade	Cascade		

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship	
Name	
Actor	

Column(s) of "Admin_DB" Table					
Name Datatype Null Option Is PK Is FK					
user_id	varchar(30)	NOT NULL	Yes	Yes	

Child Relationship(s) of "Admin_DB" Table	
Cardinality	FK Name

Column(s) of "Contact_us" Table				
Name	Datatype	Null Option	Is PK	Is FK
email	varchar(100)	NOT NULL	Yes	No
fullname	varchar(30)	NULL	No	No
message	varchar(max)	NOT NULL	No	No

Child Relationship(s) of "Contact_us" Table		
Cardinality FK Name		

Column(s) of "Director" Table					
Name Datatype Null Option Is PK Is FK					
director	integer	NOT NULL	Yes	No	
Name	varchar(30)	NOT NULL	No	No	
Gender	char()	NULL	No	No	
age	integer	NULL	No	No	
path img	varchar(max)	NULL	No	No	

Child Relationship(s) of "Director" Table		
Cardinality FK Name		
Zero-or-One-to-Zero-One-or-More	Director	
Zero-or-One-to-Zero-One-or-More	TVDirector	

Referential Integrity(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship				
Parent Insert Parent Update Parent Delete				
Cascade	Cascade	Set Null		

Parent Table(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship
Name
Director

Referential Integrity(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship			
Parent Insert	Parent Update	Parent Delete	
	Cascade	Set Null	

Parent Table(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship
Name
Director

Column(s) of "Episodes" Table				
Name	Datatype	Null Option	Is PK	Is FK
id	integer	NOT NULL	Yes	No
title	varchar(30)	NOT NULL	No	No
duration	integer	NULL	No	No
seasonNo	integer	NOT NULL	No	No
tvshow_id	integer	NOT NULL	No	Yes

Child Relationship(s) of "Episodes" Table		
Cardinality	FK Name	

Column(s) of "Genre" Table				
Name	Datatype	Null Option	Is PK	Is FK
genreid	integer	NOT NULL	Yes	No
Catagory	varchar(30)	NOT NULL	No	No

Child Relationship(s) of "Genre" Table			
Cardinality	FK Name		
Zero-or-One-to-Zero-One-or-More	MovieGenre		
One-to-One-or-More (P)	R_10		

Referential Integrity(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship			
Parent Insert	Parent Update	Parent Delete	
Cascade	Cascade	Set Null	

	Parent Table(s) of "Zero-or-One-to-Zero-One-or-More" Child Relationship		
	Name		
Г	Genre		

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert	Parent Update	Parent Delete	
No Action	Cascade	Set Default	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship
Name
Genre

Column(s) of "Movie" Table				
Name	Datatype	Null Option	Is PK	Is FK
movieid	integer	NOT NULL	Yes	No
Title	varchar(30)	NOT NULL	No	No
duration	integer	NOT NULL	No	No
release_date	datetime	NULL	No	No
summary	varchar(300)	NULL	No	No
rating	decimal(2,1)	NULL	No	No
director	integer	NULL	No	Yes
genreid	integer	NULL	No	Yes
path_img	varchar(max)	NULL	No	No

Child Relationship(s) of "Movie" Table		
Cardinality	FK Name	
One-to-One-or-More (P)	MovieReviews	
One-to-One-or-More (P)	SMovie	
One-to-One-or-More (P)	WishMovie	

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert	Parent Update	Parent Delete	
	Cascade	Cascade	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship
Name
Movie

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert Parent Update		Parent Delete	
	Cascade	Cascade	

Parent	Table(s) of "One-to-One-or-More (P)" Child Relationship
Name	
Movie	

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert	Parent Update	Parent Delete	
	Cascade	Cascade	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship	
Name	
Movie	

Column(s) of "News" Table					
Name	Datatype	Null Option	Is PK	Is FK	
id	integer	NOT NULL	Yes	No	
postdate	datetime	NULL	No	No	
data	varchar(1000)	NULL	No	No	

Child Relationship(s) of "News" Table	
Cardinality	FK Name

Column(s) of "Reviews_m" Table					
Name	Datatype	Null Option	Is PK	Is FK	
id	integer	NOT NULL	Yes	No	
summary	varchar(200)	NOT NULL	No	No	
upvotes	integer	NULL	No	No	
movieid	integer	NOT NULL	No	Yes	
user_id	varchar(30)	NOT NULL	No	Yes	

Child Relationship(s) of "Reviews_m" Table	
Cardinality	FK Name

Column(s) of "Reviews_t" Table					
Name	Datatype	Null Option	Is PK	Is FK	
id	integer	NOT NULL	Yes	No	
summary	varchar(200)	NOT NULL	No	No	
upvotes	integer	NULL	No	No	
tvshow_id	integer	NOT NULL	No	Yes	
user_id	varchar(30)	NOT NULL	No	Yes	

Child Relationship(s) of "Reviews_t" Table	
Cardinality	FK Name

Column(s) of "Sup_movies" Table					
Name	Datatype	Null Option	Is PK	Is FK	
actor_id	integer	NOT NULL	Yes	Yes	
movieid	integer	NOT NULL	Yes	Yes	

Child Relationship(s) of "Sup_movies" Table	
Cardinality	FK Name

Column(s) of "Sup_TVshows" Table					
Name	Datatype	Null Option	Is PK	Is FK	
actor_id	integer	NOT NULL	Yes	Yes	
tvshow_id	integer	NOT NULL	Yes	Yes	

Child Relationship(s) of "Sup_TVshows" Table	
Cardinality	FK Name

Column(s) of "Tv_Shows" Table				
Name	Datatype	Null Option	Is PK	Is FK
tvshow_id	integer	NOT NULL	Yes	No
Title	varchar(30)	NOT NULL	No	No
duration	integer	NOT NULL	No	No
release_date	datetime	NULL	No	No
summary	varchar(300)	NULL	No	No
rating	decimal(2,1)	NULL	No	No
Numberofseasons	integer	NOT NULL	No	No
director	integer	NULL	No	Yes
genreid	integer	NOT NULL	No	Yes
path_img	varchar(max)	NULL	No	No

Child Relationship(s) of "Tv_Shows" Table			
Cardinality	FK Name		
One-to-One-or-More (P)	episodes		
One-to-One-or-More (P)	STV		
One-to-One-or-More (P)	TV		
One-to-One-or-More (P)	R_26		

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert Parent Update Parent Delete			
Cascade Cascade		Cascade	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship
Name
Tv. Shows

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert Parent Update Parent Delete			
	Cascade	Cascade	

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship
Name
Tv_Shows

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert Parent Update Parent Delete			

		Cascade		Cascade		
Parent Table(s	of "One-to-One-o	or-More (P)" Child	Relationsh	nip		
Tv_Shows						
	egrity(s) of "One-t	to-One-or-More (P)	'' Child Re	lationship Parent 1	D-1-4-	
Parent Insert		Parent Update Cascade		Cascade		
		-		•		
) of "One-to-One-o	or-More (P)" Child	Relationsh	nip		
Name Tv Shows						
I V_BIIOWS						
Column(s) of "	'Users'' Table					
Name	Datatype	Null Option		Is PK	Is FK	
user_id Email	varchar(30) varchar(25)	NOT NULI NOT NULI		Yes No	No No	
pin	varchar(25)	NOT NULI		No	No	
fname	varchar(30)	NOT NULL		No	No	
lname Gender	varchar(20) char()	NOT NULI NULL	_	No No	No No	
country	varchar(15)	NOT NULI		No	No	
dob Phone	datetime varchar(30)	NULL NULL		No No	No No	
1 110110	varchal(30)	INOLL		1 110	110	
Child Relation	ship(s) of "Users"	Table				
Cardinality			FK Name			
One-to-One-or-Mor One-to-One-or-Mor			admins ReviewedBy			
One-to-One-or-Mo			UserM	·		
One-to-One-or-More (P)			TUser TReviewdBy			
One-to-One-or-Mo	re (P)		1 Reviewar	sy		
Referential Int	tegrity(s) of "One-t	to-One-or-More (P)	" Child Re	lationship		
Parent Insert		Parent Update		Parent 1		
Cascade Cascade				Cascade		
Parent Table(s	s) of "One-to-One-c	or-More (P)" Child	Relationsh	nin		
Name	y or one to one o	71 1/1010 (1) OHHU	Ttolutions:			
Users						
Deferential Int	togrity(s) of "One t	to-One-or-More (P)	" Child Do	lationahin		
Parent Insert	egrity(s) or One-t	Parent Update	Ciliu Ke	Parent	Delete	
		Cascade		Cascade	Cascade	
			ID 14' 1	•		
D 475 11 4	8110 4 0	3.6 (D) (I (I II I				
	s) of "One-to-One-o	or-More (P)" Child	Kelationsi	пр		
Name	s) of "One-to-One-c	or-More (P)" Child	Kelationsi	шр		
Name Users						
Name Users Referential Int		to-One-or-More (P)		lationship	Delta	
Name Users Referential Int						
Name Users Referential Int		to-One-or-More (P) Parent Update		lationship Parent		
Name Users Referential Int Parent Insert Parent Table(s	tegrity(s) of "One-t	to-One-or-More (P) Parent Update)'' Child Re	lationship Parent Cascade		
Name Users Referential Int Parent Insert Parent Table(s Name	tegrity(s) of "One-t	to-One-or-More (P) Parent Update Cascade)'' Child Re	lationship Parent Cascade		
Name Users Referential Int Parent Insert Parent Table(s Name	tegrity(s) of "One-t	to-One-or-More (P) Parent Update Cascade)'' Child Re	lationship Parent Cascade		
Name Users Referential Int Parent Insert Parent Table(s Name Users	tegrity(s) of "One-t	Cascade Cascade Cascade Cascade	" Child Re	Parent Cascade		
Name Users Referential Int Parent Insert Parent Table(s Name Users	tegrity(s) of "One-t	Co-One-or-More (P) Parent Update Cascade Or-More (P)" Child Co-One-or-More (P) Parent Update	" Child Re	lationship Cascade nip Clationship Parent	Delete	
Name Users Referential Interpretation Interpretati	tegrity(s) of "One-t	Cascade Or-More (P) Child Cascade Or-More (P) Child	" Child Re	elationship Parent Cascade	Delete	
Name Users Referential Int Parent Insert Parent Table(s Name Users Referential Int Parent Insert	tegrity(s) of "One-t s) of "One-to-One-c tegrity(s) of "One-t	Co-One-or-More (P) Parent Update Cascade Or-More (P)" Child Co-One-or-More (P) Parent Update	" Child Re	Parent Cascade	Delete	

Referential Integrity(s) of "One-to-One-or-More (P)" Child Relationship			
Parent Insert	Parent Update	Parent Delete	

Cascade	Cascade

Parent Table(s) of "One-to-One-or-More (P)" Child Relationship Name Users

Column(s) of "Watchlist_m" Table				
Name	Datatype	Null Option	Is PK	Is FK
movieid	integer	NOT NULL	Yes	Yes
user_id	varchar(30)	NOT NULL	Yes	Yes
id	integer	NOT NULL	No	No

Child Relationship(s) of "Watchlist_m" Table	
Cardinality	FK Name

Column(s) of "Watchlist_t" Table				
Name	Datatype	Null Option	Is PK	Is FK
user_id	varchar(30)	NOT NULL	Yes	Yes
tvshow_id	integer	NOT NULL	Yes	Yes
id	integer	NOT NULL	No	No

Child Relationship(s) of "Watchlist_t" Table	
Cardinality	FK Name

Relationship

Relationship
FK Name
ActorN
ActorS
TVDirector
Director
R_10
MovieGenre
WishMovie
MovieReviews
SMovie
STV
episodes
TV
R_26
TUser
UserM
ReviewedBy
admins
TReviewdBy

Parent Table(s) of "pX~" Relationship
Name
A .

Child Table(s) of "pX~" Relationship	
Name	
Sup TVshows	_

Parent Table(s) of "pX~" Relationship	
Name	
Actor	

Child Table(s) of "pX~" Relationship
Name
Sun movies

Parent Table(s) of "pX~" Relationship	
Name	
Director	

Child Table(s) of "pX~" Relationship
Cliffe Table(s) of 52x Relationship
Name
Ty Charge

	Parent Table(s) of "pX~" Relationship
ı	Name
ı	Director

Child Table(s) of "pX~" Relationsh	ip
Name	
Movie	

Parent Table(s) of "pX~" Relationship	
Name	
Genre	

C	hild Table(s) of ''pX~'' Relationship
Na	ame
Tv	v_Shows

ı	Parent Table(s) of "pX~" Relationship
	Name
[Genre

Child Table(s) of "pX~" Relationship Movie Parent Table(s) of "pX~" Relationship Movie Child Table(s) of "pX~" Relationship Name Watchlist_m Parent Table(s) of "pX~" Relationship Movie Child Table(s) of "pX~" Relationship Reviews_m Parent Table(s) of "pX~" Relationship Movie Child Table(s) of "pX~" Relationship Sup_movies Parent Table(s) of "pX~" Relationship Tv_Shows Child Table(s) of "pX~" Relationship Sup_TVshows Parent Table(s) of "pX~" Relationship Name Tv_Shows Child Table(s) of "pX~" Relationship Name Episodes Parent Table(s) of "pX~" Relationship Tv_Shows Child Table(s) of "pX~" Relationship Watchlist_t Parent Table(s) of "pX~" Relationship Tv_Shows Child Table(s) of "pX~" Relationship Reviews_t Parent Table(s) of "pX~" Relationship

Users

Watchlist_t

Parent Table(s) of "pX~" Relationship
Name

Users

Child Table(s) of "pX~" Relationship

Watchlist_m

Parent Table(s) of "pX~" Relationship

Name

Users

Child Table(s) of "pX~" Relationship

Name

Reviews_m

Parent Table(s) of "pX~" Relationship

Name

Users

Child Table(s) of "pX~" Relationship

Name Admin_DB

Parent Table(s) of "pX~" Relationship

Users

Child Table(s) of "pX~" Relationship

Reviews_t