

## IMDB Design a DB for IMDB

### 1. Movie should have multiple media (Video or Image)

Movie	
Id	Title
1	Goodfellas
2	Fight club
3	La la land
4	Interstellar
5	Her

Photos				
Id	Url	Movie Id		
1	<a href="https://www.imdb.com/title/tt0099685/mediaviewer/rm2091797760/?ref=tt_ov_i">https://www.imdb.com/title/tt0099685/mediaviewer/rm2091797760/?ref=tt_ov_i</a>	1		
2	<a href="https://www.imdb.com/title/tt0099685/mediaviewer/rm2516289280/?ref=ttmi_mi_all_sf_3">https://www.imdb.com/title/tt0099685/mediaviewer/rm2516289280/?ref=ttmi_mi_all_sf_3</a>	1		
3	<a href="https://www.imdb.com/title/tt3783958/mediaviewer/rm3967749632/?ref=tt_ov_i">https://www.imdb.com/title/tt3783958/mediaviewer/rm3967749632/?ref=tt_ov_i</a>	3		
4	<a href="https://www.imdb.com/title/tt3783958/mediaviewer/rm4168222464/?ref=ttmi_mi_all_sf_11">https://www.imdb.com/title/tt3783958/mediaviewer/rm4168222464/?ref=ttmi_mi_all_sf_11</a>	3		
5	<a href="https://www.imdb.com/title/tt1798709/mediaviewer/rm1539299328/?ref=tt_ov_i">https://www.imdb.com/title/tt1798709/mediaviewer/rm1539299328/?ref=tt_ov_i</a>	5		
6	<a href="https://www.imdb.com/title/tt1798709/mediaviewer/rm2079969280/?ref=ttmi_mi_all_sf_2">https://www.imdb.com/title/tt1798709/mediaviewer/rm2079969280/?ref=ttmi_mi_all_sf_2</a>	5		
7	<a href="https://www.imdb.com/title/tt0137523/mediaviewer/rm2110056193/?ref=tt_ov_i">https://www.imdb.com/title/tt0137523/mediaviewer/rm2110056193/?ref=tt_ov_i</a>	2		
8	<a href="https://www.imdb.com/title/tt0137523/mediaviewer/rm334662912/?ref=ttmi_mi_all_sf_3">https://www.imdb.com/title/tt0137523/mediaviewer/rm334662912/?ref=ttmi_mi_all_sf_3</a>	2		
9	<a href="https://www.imdb.com/title/tt0816692/mediaviewer/rm4043724800/?ref=tt_ov_i">https://www.imdb.com/title/tt0816692/mediaviewer/rm4043724800/?ref=tt_ov_i</a>	4		
10	<a href="https://www.imdb.com/title/tt0816692/mediaviewer/rm403176192/?ref=ttmi_mi_all_sf_5">https://www.imdb.com/title/tt0816692/mediaviewer/rm403176192/?ref=ttmi_mi_all_sf_5</a>	4		
11	<a href="https://www.imdb.com/title/tt0816692/mediaviewer/rm1711799040/?ref=ttmi_mi_all_sf_3">https://www.imdb.com/title/tt0816692/mediaviewer/rm1711799040/?ref=ttmi_mi_all_sf_3</a>	4		

Videos				
Id	Url	Movie Id		
1	<a href="https://www.imdb.com/videooplayer/vi2191574041?ref=ttvi_vi_imdb_1">https://www.imdb.com/videooplayer/vi2191574041?ref=ttvi_vi_imdb_1</a>	4		
2	<a href="https://www.imdb.com/videooplayer/vi1586278169?ref=ttvi_vi_imdb_27">https://www.imdb.com/videooplayer/vi1586278169?ref=ttvi_vi_imdb_27</a>	4		
3	<a href="https://www.imdb.com/videooplayer/vi2349057305?ref=ttvi_vi_imdb_10">https://www.imdb.com/videooplayer/vi2349057305?ref=ttvi_vi_imdb_10</a>	3		
4	<a href="https://www.imdb.com/videooplayer/vi168084761?ref=ttvi_vi_imdb_2">https://www.imdb.com/videooplayer/vi168084761?ref=ttvi_vi_imdb_2</a>	3		
5	<a href="https://www.imdb.com/videooplayer/vi3415655449?ref=ttvi_vi_imdb_2">https://www.imdb.com/videooplayer/vi3415655449?ref=ttvi_vi_imdb_2</a>	5		
6	<a href="https://www.imdb.com/videooplayer/vi4215908377?ref=ttvi_vi_imdb_11">https://www.imdb.com/videooplayer/vi4215908377?ref=ttvi_vi_imdb_11</a>	5		
7	<a href="https://www.imdb.com/videooplayer/vi781228825?ref=ttvi_vi_imdb_7">https://www.imdb.com/videooplayer/vi781228825?ref=ttvi_vi_imdb_7</a>	2		
8	<a href="https://www.imdb.com/videooplayer/vi2593570585?ref=ttvi_vi_imdb_5">https://www.imdb.com/videooplayer/vi2593570585?ref=ttvi_vi_imdb_5</a>	2		
9	<a href="https://www.imdb.com/videooplayer/vi1571275033?ref=ttvi_vi_imdb_2">https://www.imdb.com/videooplayer/vi1571275033?ref=ttvi_vi_imdb_2</a>	1		
10	<a href="https://www.imdb.com/videooplayer/vi1034289433?ref=ttvi_vi_imdb_8">https://www.imdb.com/videooplayer/vi1034289433?ref=ttvi_vi_imdb_8</a>	1		
11	<a href="https://www.imdb.com/videooplayer/vi2673654553?ref=ttvi_vi_imdb_6">https://www.imdb.com/videooplayer/vi2673654553?ref=ttvi_vi_imdb_6</a>	1		

## 2. Movie can belongs to multiple Genre

Movie	
Id	Title
1	Goodfellas
2	Fight club
3	La la land
4	Interstellar
5	Her

Genre	
Id	Title
1	Romance
2	Action
3	Thriller
4	Sci-fi
5	drama

Movie genre		
Id	Movie Id	Genre Id
1	1	2
2	1	5
3	2	2
4	2	5
5	3	1
6	3	5
7	4	4
8	4	3
9	5	5
10	5	1

### 3. Movie can have multiple reviews and Review can belongs to a user

Movie	
Id	Title
1	Goodfellas
2	Fight club
3	La la land
4	Interstellar
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Movie review			
Id	Name	Comment	Movie Id
1	Koushik	Must watch	1
2	Shreya	Emotionally romantic	3
3	Dharshini	sci fi romance	5
4	Surya	marvellous climax	4
5	Thiru	worth watching	2
6	Arjun	classic	1
7	Prateek	what a movie!!	2
8	Yuktha	so lovely	3
9	Shero	nice	4
10	Bheem	perfectly directed	5

#### 4.Artist can have multiple skills

Artists	
Id	Name
1	Robert de niro
2	Mathew Mconoughy
3	Tom hardy

Skills	
Id	category
1	Direction
2	script
3	Acting
4	Lyricist
5	Producer

Artist skills		
Id	Artist Id	Skill Id
1	1	1
2	1	3
3	1	5
4	2	3
5	2	2
6	2	4
7	3	3
8	3	2
9	3	5

## 5. Artist can perform multiple role in a single film

Artist	
Id	Name
1	Jake gyllenhal
2	Tom hardy
3	Andrew garfield

Movie	
Id	Title
1	Enemy
2	Legend
3	spiderman

Role	
Id	character name
1	Adam bell
2	Anthony st.claire
3	Ronnie kray
4	Reggie kray
5	Peter parker
6	Peter parker

Artist movie role			
Id	Artist Id	Movie id	Role id
1	1	1	1
2	1	1	2
3	2	2	3
4	2	2	4
5	3	3	5
6	3	3	6