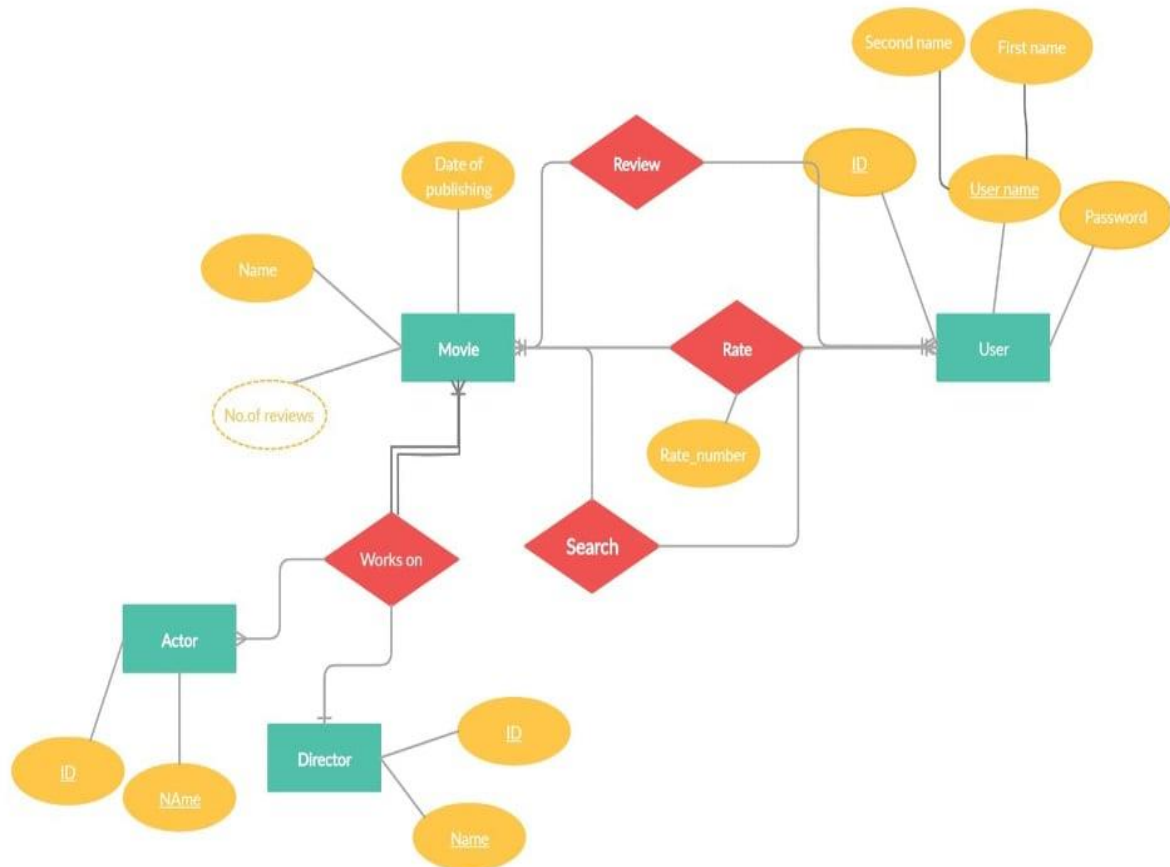# IMDB System

TA / Nagwa Mostafa
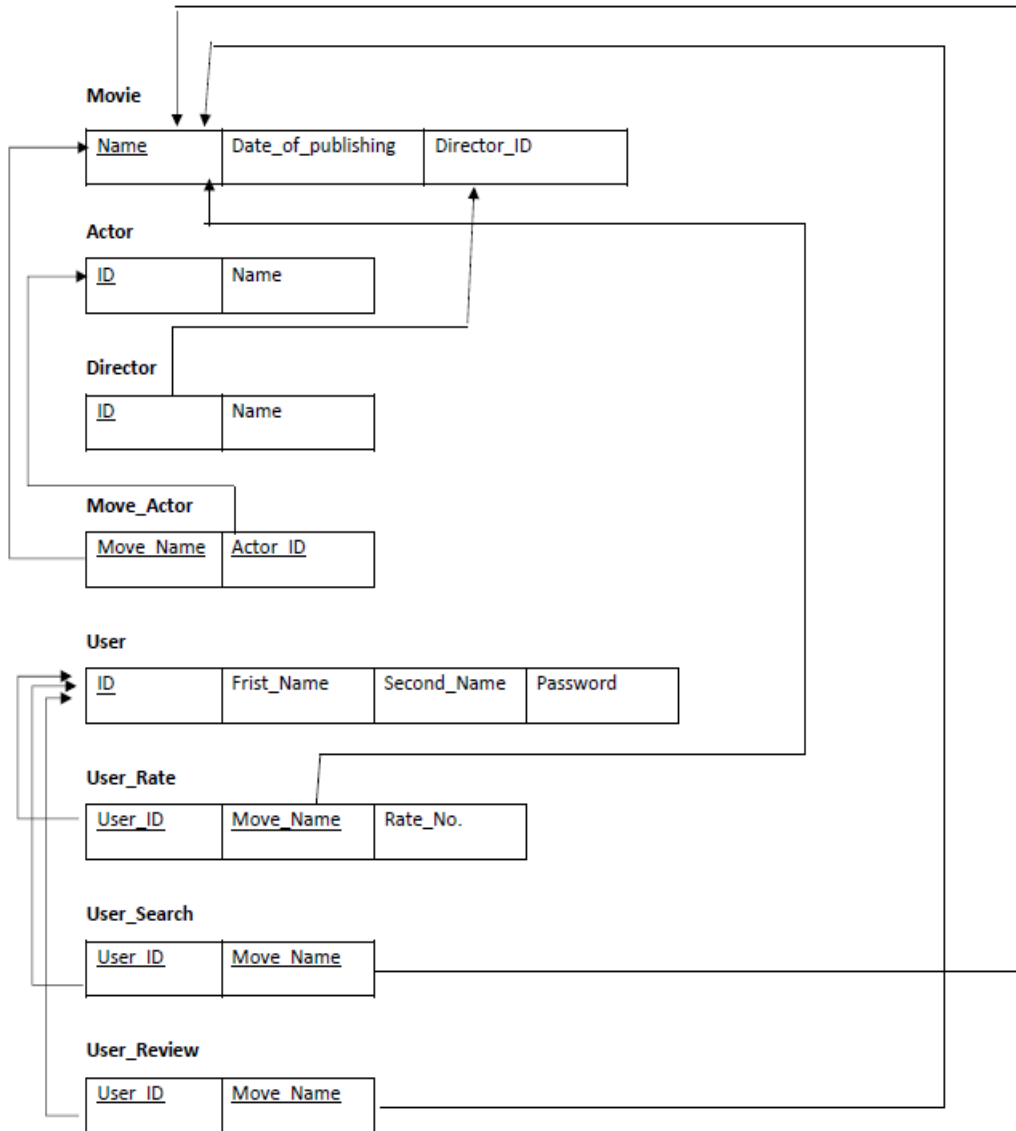
3/21/2020

- Ebtihal Sherif   Section(1)
- Toka El Sayed   Section(4)
- Alaa Mahmoud   Section(4)
- Ayaalla El Tabey   Section(8)
- Nader Waleed   Section(18)
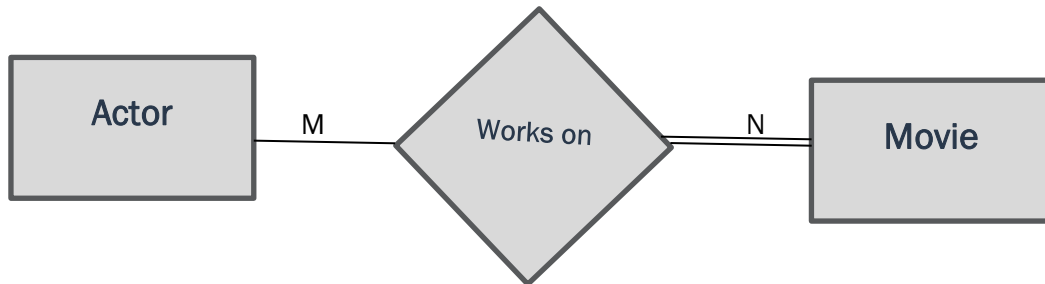- Samiha Mohamed Section(8)

ERD DIAGRAM

SCHEMA

Movie

Name	Date_of_publishing	Director_ID

Actor

ID	Name

Director

ID	Name

Move_Actor

Move_Name	Actor_ID

User

ID	Frist_Name	Second_Name	Password

User_Rate

User_ID	Move_Name	Rate_No.

User_Search

User_ID	Move_Name

User_Review

User_ID	Move_Name

WORKS_ON Relationship
Between ACTORS and MOVIE

| Actor | M --- Works on --- N | Movie |

- One actor works on more than one movie .

- Every movie has more than one actor.

ACTOR	MOVIE
1	M
M	1
M	N

- Each movie needs total participation from actors.

WORKS_ON Relationship
Between DIRECTOR and MOVIE

Director		Works on		Movie
	1		N	
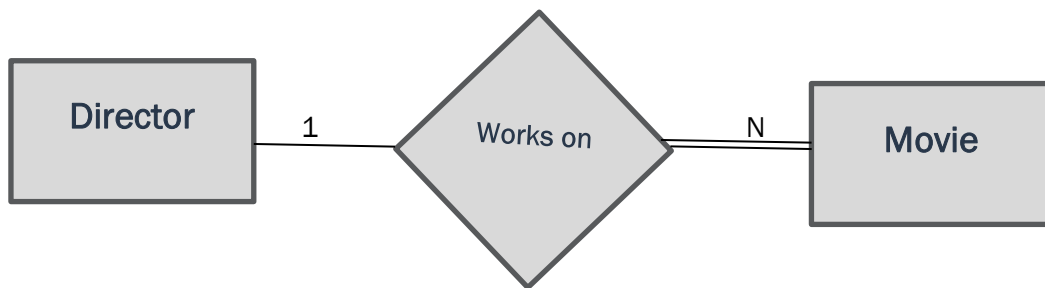
- One director works on more than one movie .

- Every movie has one Director.

Director	MOVIE
1	M
1	1
1	M

- Each movie needs total participation from directors.

SEARCH Relationship
Between USER and MOVIE

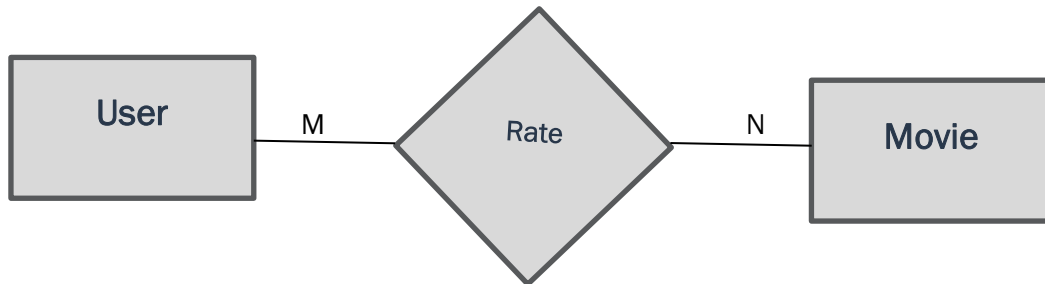| User | M | Search | N | Movie |
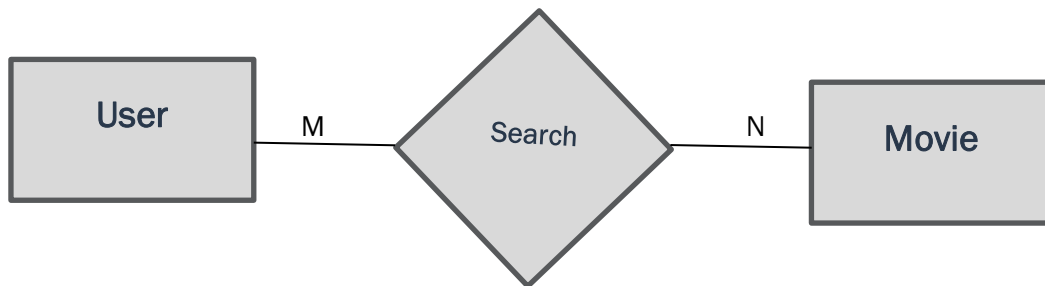
- Each user search for more than one movie .

- Each movie has more than one user searching for it .

USER	MOVIE
1	M
M	1
M	N

RATE Relationship
Between USER and MOVIE

| User | M | Rate | N | Movie |

- Each user rate more than one movie .

- Each movie has more than one user rating for it .

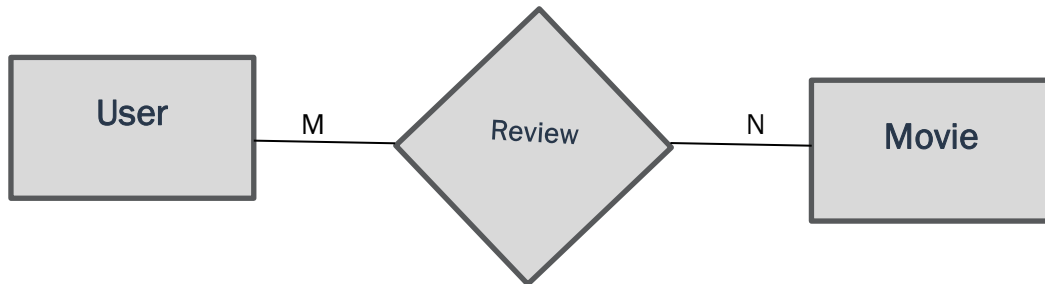| USER	MOVIE
1	M
M	1
M	N

REVIEW Relationship
Between USER and MOVIE

- Each user review more than one movie .

- Each movie has more than one user review for it .

USER	MOVIE
1	M
M	1
M	N