### IMDB Design a DB for IMDB

1. Movie should have multiple media(Video or Image)
2. Movie can belongs to multiple Genre
3. Movie can have multiple reviews and Review can belongs to a user
4. Artist can have multiple skills
5. Artist can perform multiple role in a single film

##### Table for Artists:

CREATE TABLE `Artists` (

`id` int(10) NOT NULL,

`artist\_name` varchar(50) NOT NULL,

`display\_picture` varchar(50) NOT NULL,

)

##### Inserting data into Artists table:

INSERT INTO `Artists` (`id`, `artist\_name`, ` display\_picture`)

VALUES (1, ‘ajith’, ‘path.jpg’);

(2, ‘vijay’, ‘path.jpg’);

##### Table for Artist Skill:

CREATE TABLE `Artist\_skills` (

`id` int(10) NOT NULL,

`artist\_id` int(10) NOT NULL,

`skill\_id` int(10) NOT NULL

);

##### Adding data to artist table:

INSERT INTO `Artist\_skills` (`id`, `artist\_id`, `skill\_id`) VALUES

(1, 1, 1),

(2, 1, 2);

##### Table for Genre:

CREATE TABLE `genre` (

`id` int(10) NOT NULL,

`name` varchar(200) NOT NULL

);

##### Adding data to Genre table:

INSERT INTO `genre` (`id`, `name`) VALUES

(1, 'Action'),

(2, 'Animation'),

(3, 'Comedy'),

(4, 'Crime'),

(5, 'Fantasy'),

(6, 'Historical'),

(7, 'Horror'),

(8, 'Romance'),

(9, 'Science fiction'),

(10, 'Thriller');

##### Table for Movie:

CREATE TABLE `movie` (

`id` int(10) NOT NULL,

`name` varchar(250) NOT NULL

);

##### Insert data into Movie table:

INSERT INTO `movie` (`id`, `name`) VALUES

(1, ‘thunivu’),

(2, ’varisu’);

##### Table for Movie Artist:

CREATE TABLE `movie\_artists` (

`id` int(10) NOT NULL,

`movie\_id` int(10) NOT NULL,

`artist\_id` int(10) NOT NULL

);

##### Adding data into Movie artists:

INSERT INTO `movie\_artists` (`id`, `movie\_id`, `artist\_id`) VALUES

(1, 1, 1),

(2, 2, 2);

##### Table for Movie-genre:

CREATE TABLE `movie\_genre` (

`id` int(10) NOT NULL,

`movie\_id` int(10) NOT NULL,

`genre\_id` int(10) NOT NULL

);

##### Adding Movie-genre data:

INSERT INTO `movie\_genre` (`id`, `movie\_id`, `genre\_id`) VALUES

(1, 1, 1),

(2, 2, 2),

##### Create Table for Movie-media:

CREATE TABLE `movie\_medias` (

`id` int(10) NOT NULL,

`movie\_id` int(10) NOT NULL,

`poster\_movie` varchar(500) NOT NULL

);

##### Adding data into Movie media:

INSERT INTO `movie\_medias` (`id`, `movie\_id`, `poster\_movie`) VALUES

(1, 1, ‘thunivu\_poster'),

(2, 2, 'varisu\_poster');

##### Table for Reviews:

CREATE TABLE `movie\_reviews` (

`id` int(10) NOT NULL,

`movie\_id` int(10) NOT NULL,

`user\_id` int(10) NOT NULL,

`reviews` text NOT NULL,

`created\_datetime` datetime NOT NULL

);

##### Inserting data to Reviews:

INSERT INTO `movie\_reviews` (`id`, `movie\_id`, `user\_id`, `reviews`, `created\_datetime`) VALUES

(1, 1, 1, 'good', '2022-12-17 11:30:06'),

(2, 2, 2, 'average', '2022-12-17 11:35:06'),

(3, 3, 3, 'nice', '2022-12-17 11:40:06');

##### Table for Movie Role:

CREATE TABLE `movie\_roles` (

`id` int(10) NOT NULL,

`movie\_id` int(10) NOT NULL,

`artist\_id` int(10) NOT NULL,

`role\_id` int(10) NOT NULL

);

##### Adding Movie Role value:

INSERT INTO `movie\_roles` (`id`, `movie\_id`, `artist\_id`, `role\_id`) VALUES

(1, 1, 1, 2),

(2, 2, 2, 6),

(3, 3, 3, 8);

##### Role Table:

CREATE TABLE `roles` (

`id` int(10) NOT NULL,

`name` varchar(100) NOT NULL

);

##### Add Role value:

INSERT INTO `roles` (`id`, `name`) VALUES

(1, 'Producer'),

(2, 'Director'),

(3, 'Photography'),

(4, 'Camera Operator'),

(5, 'music director'),

(6, 'actor -Hero'),

(7, 'villain'),

(8, 'comedian');

##### Table for Skills

CREATE TABLE `skills` (

`id` int(10) NOT NULL,

`name` varchar(200) NOT NULL

);

##### Add value to skills:

INSERT INTO `skills` (`id`, `name`) VALUES

(1, 'stunt'),

(2, 'singer'),

(3, 'goog acting'),

(4, 'dance');

##### Table for User:

CREATE TABLE `user` (

`id` int(10) NOT NULL,

`name` varchar(100) NOT NULL,

`email` varchar(50) NOT NULL,

`password` varchar(100) NOT NULL

)

##### Values for User:

INSERT INTO `user` (`id`, `name`, `email`, `password`) VALUES

(1, 'ravi', 'ravi@gmail.com', '\*\*\*\*'),

(2, kalai, 'Kalai@gmail.com', '\*\*\*\*'),

(3, 'rajiv','rajiv@gmail.com','\*\*\*\*');

##### show tables;

select \* from Artists;

select \* from Artist\_skills;

select \* from genre;

select \* from movie;

select \* from movie\_artists;

select \* from movie\_genre;

select \* from movie\_medias;

select \* from movie\_reviews;

select \* from movie\_roles;

select \* from roles;

select \* from skills;

select \* from user;