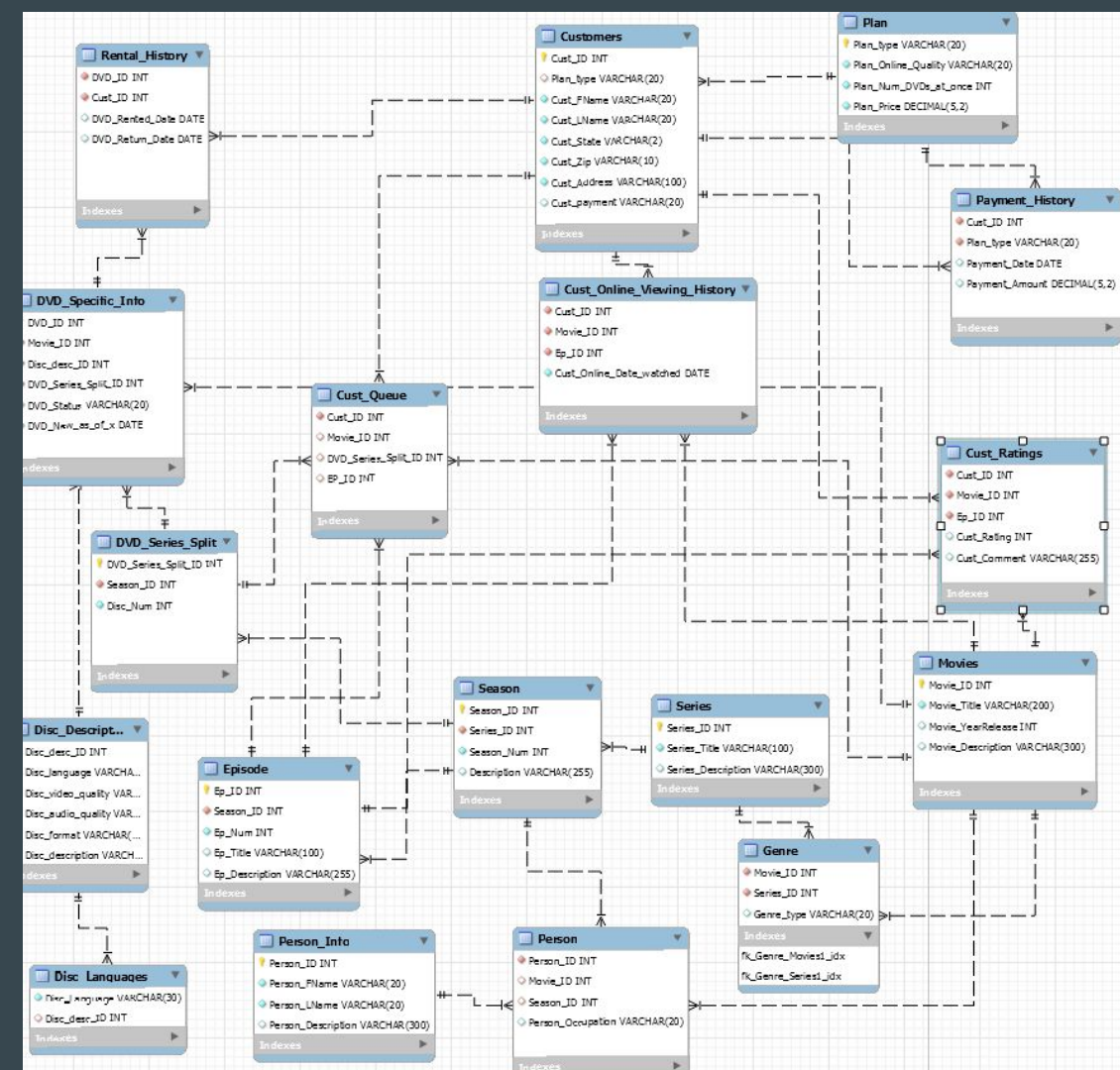


Netflix

...



Customers

DVDs & Online Stream

Movies & TV Series

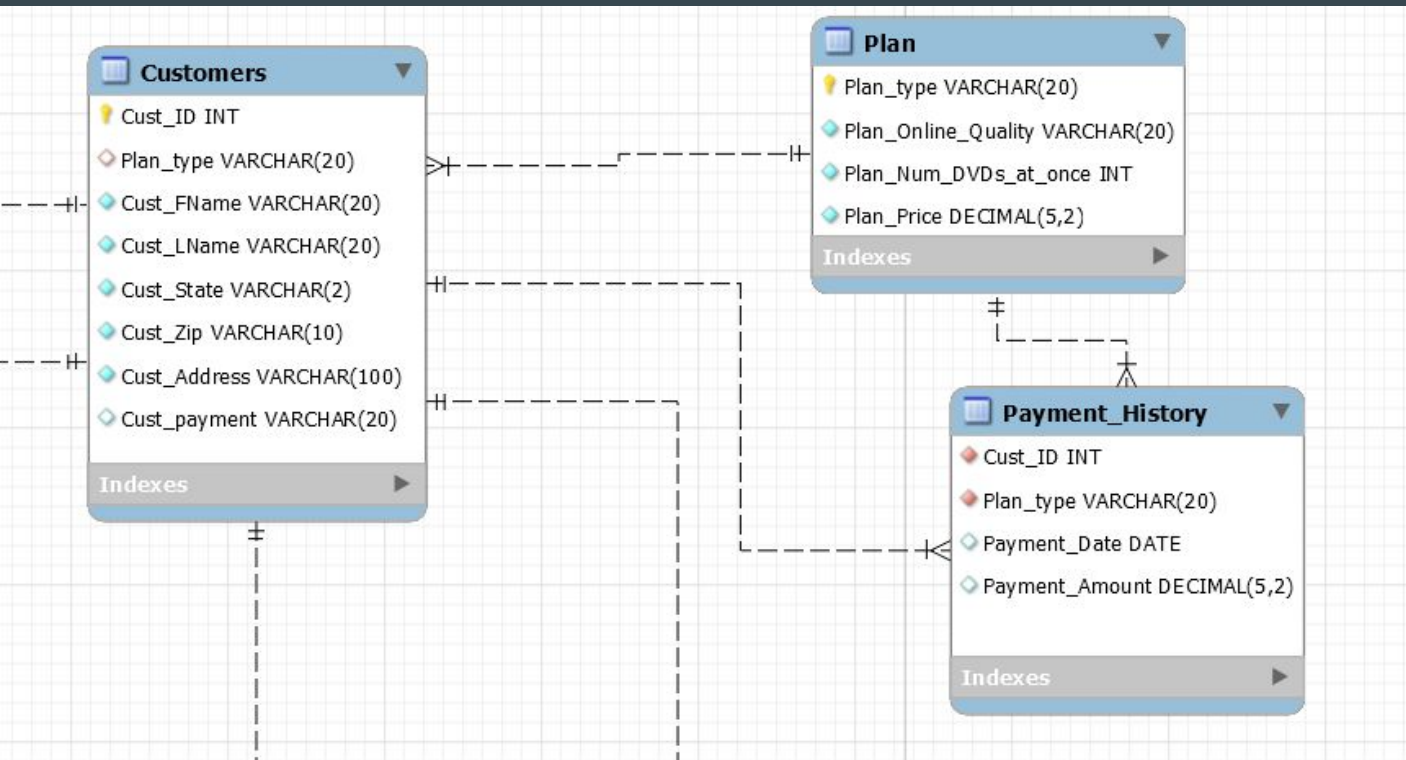
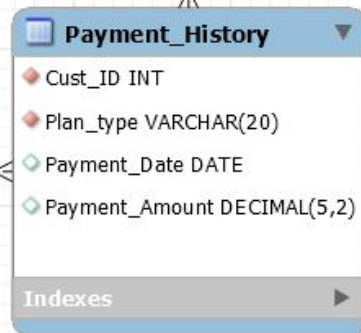
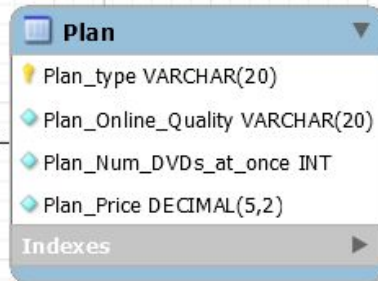
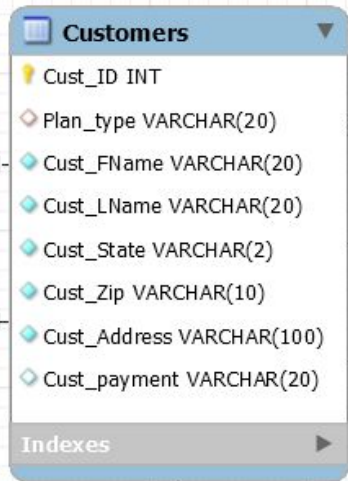
Actors, Writers, & Directors

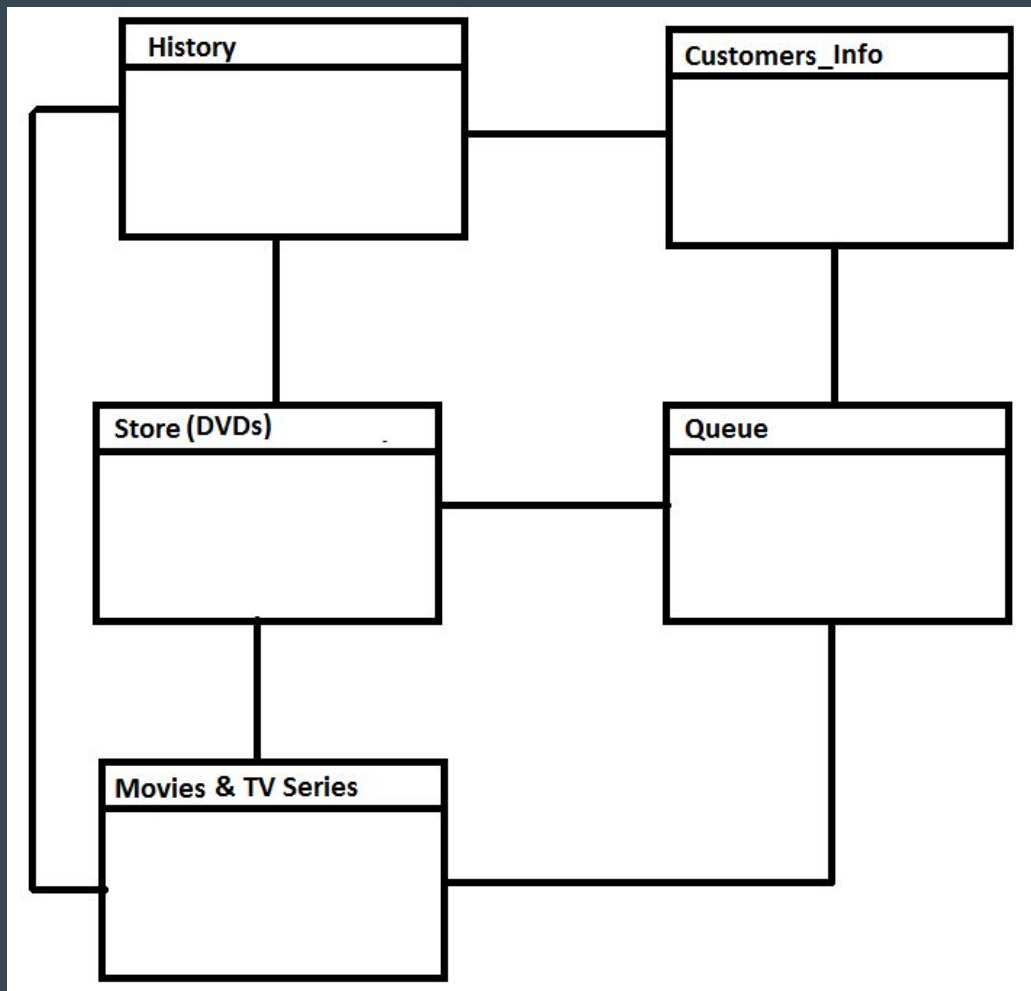
Customers_Info

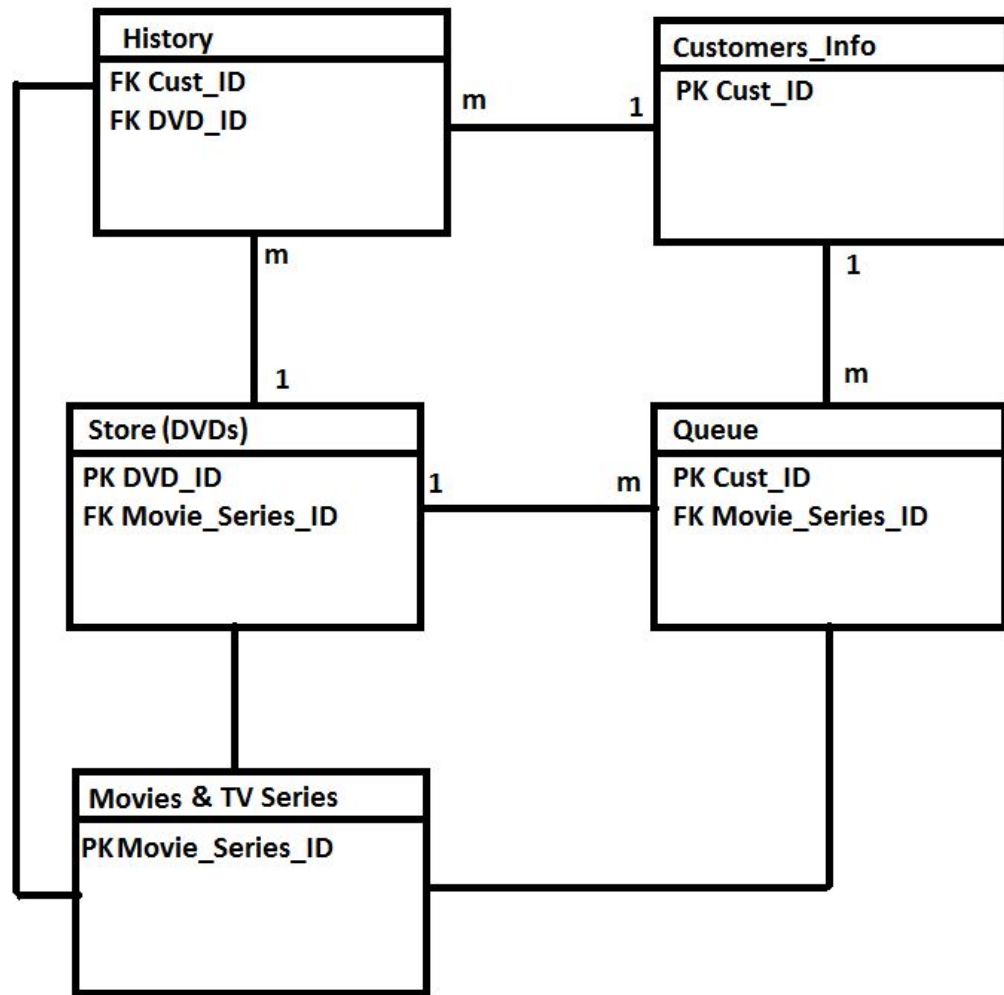
Memberships

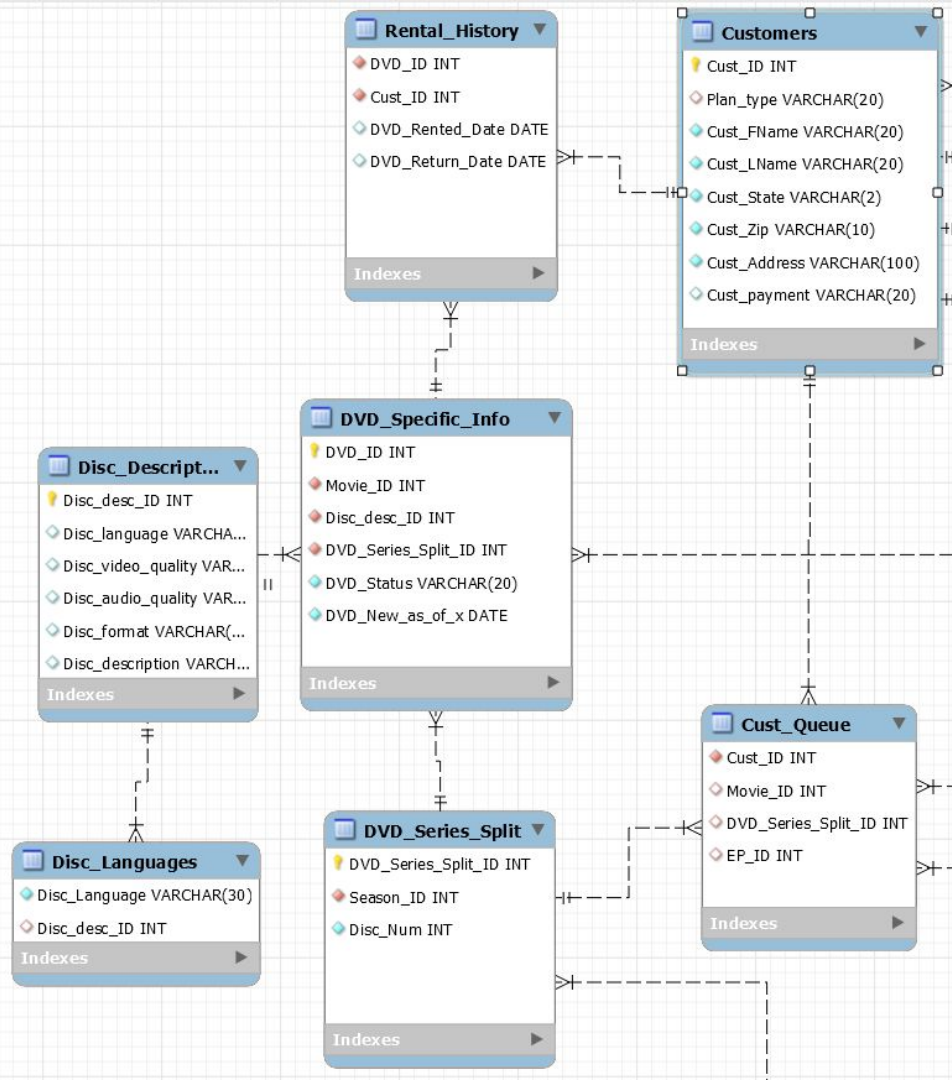
Payment_History

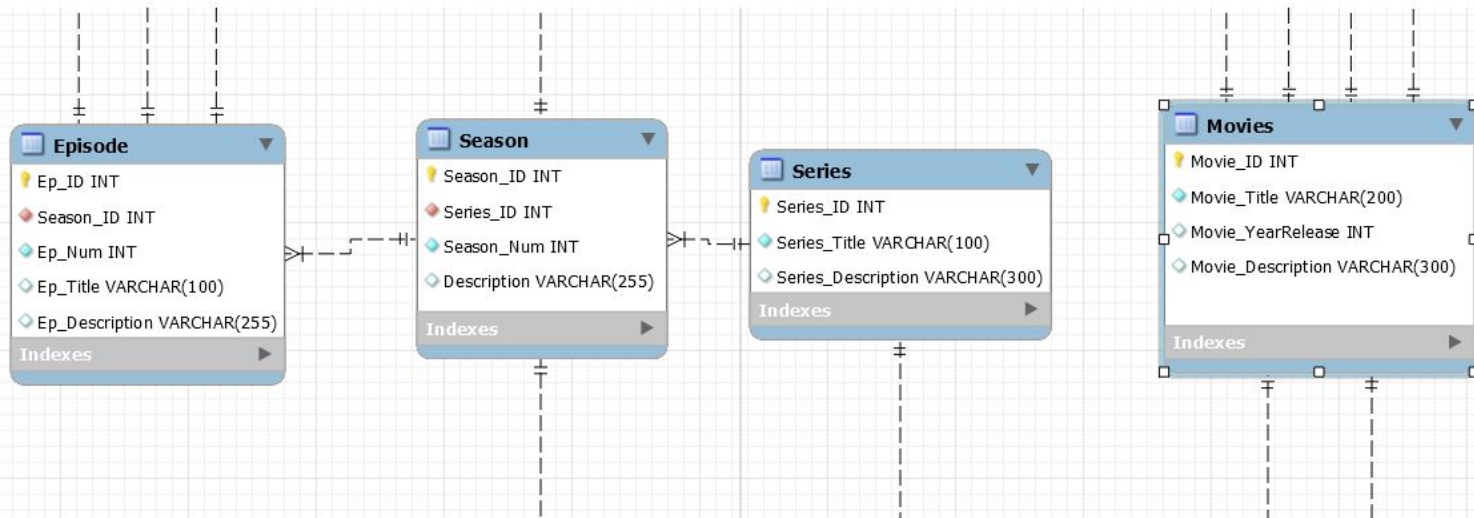


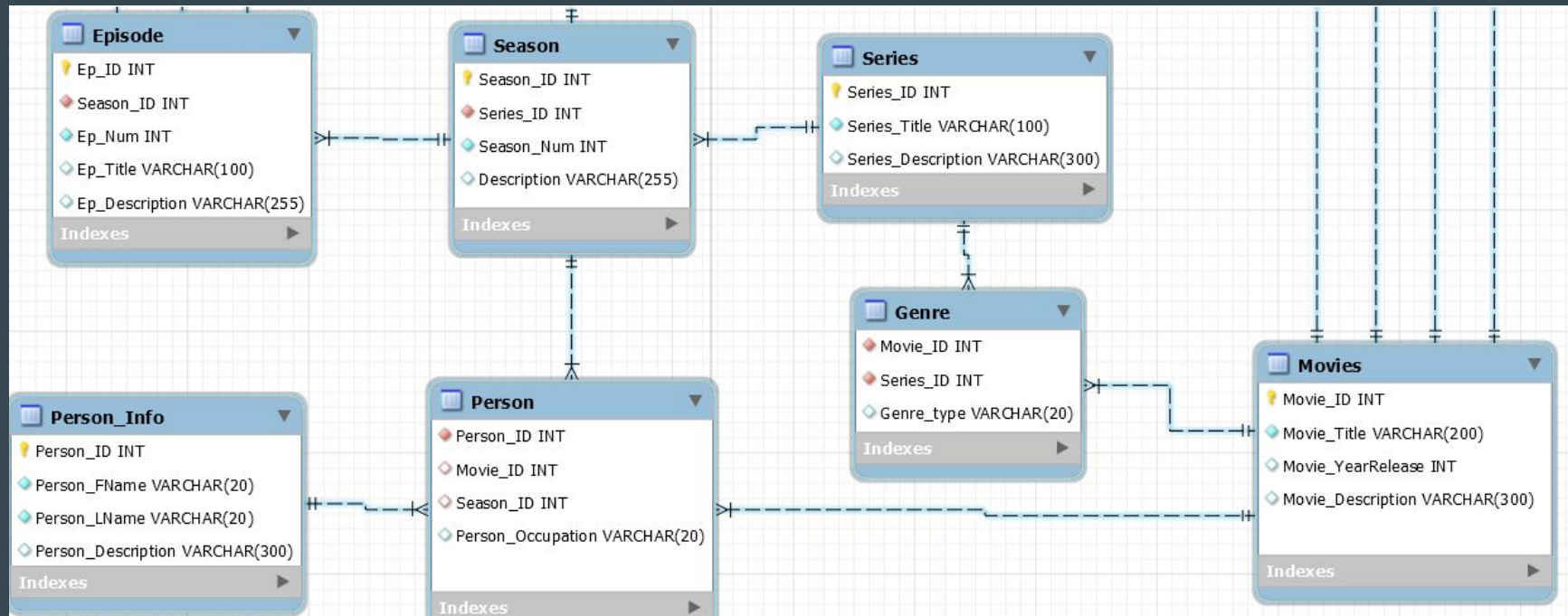


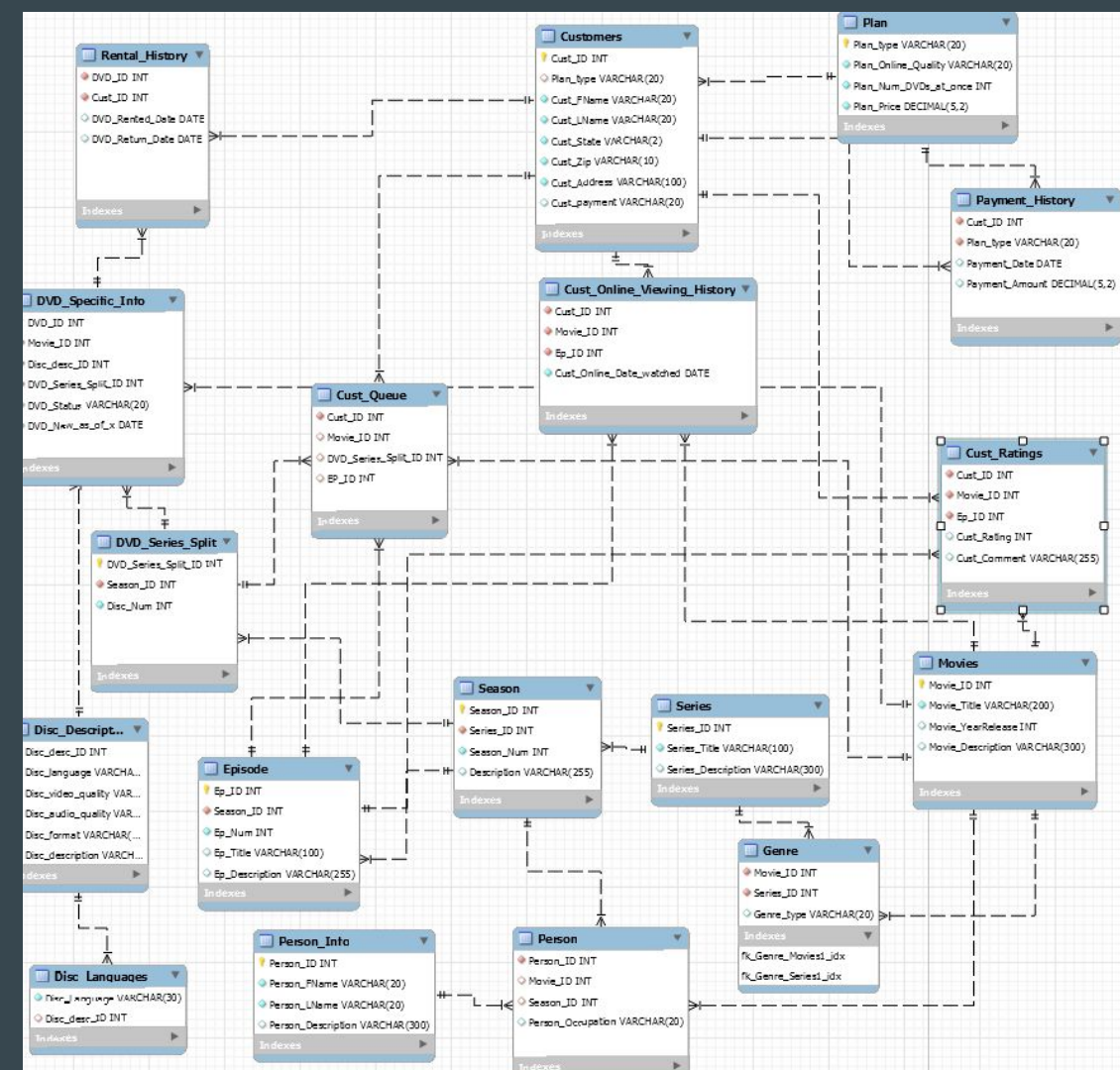












SELECT * FROM DVD_specific_info;

	DVD_ID	Movie_ID	DVD_Series_Split_ID	DVD_Status	DVD_New_as_of_x	Disc_desc_ID
▶	1	1	NULL	Ready	2010-01-10	1
	2	1	NULL	Ready	2016-01-10	1
	3	1	NULL	Shipped	2016-01-10	1
	4	2	NULL	Ready	2010-03-20	1
	5	2	NULL	Broken	2010-03-20	1
	6	2	NULL	Shipped	2010-03-20	1
	7	2	NULL	Shipped	2010-02-01	1
	8	3	NULL	Shipped	2013-02-01	1
	9	3	NULL	Shipped	2013-01-01	1
	10	3	NULL	Shipped	2014-01-01	1
	11	4	NULL	Ready	2001-06-03	1
	12	4	NULL	Broken	2001-06-03	1
	13	NULL	1	Ready	2014-01-10	1
	14	NULL	1	Ready	2014-01-10	1
	15	NULL	2	shipped	2014-01-10	1
★	NULL	NULL	NULL	NULL	NULL	NULL

call count_DVDs();

	movie_Title	Series_Title	Disc_Num	Movie_ID	DVD_Series_Split_ID	NumberOfDVDs_movies	NumberOfDVDs_Series
▶	NULL	Firefly	1	NULL	1	0	2
	NULL	Firefly	2	NULL	2	0	1
	Mad Max: Fury Road	NULL	NULL	1	NULL	3	0
	Star Wars: A New Hope	NULL	NULL	2	NULL	4	0
	Star Wars: The Empire Strikes Back	NULL	NULL	3	NULL	3	0
	Star Wars: Return of the Jedi	NULL	NULL	4	NULL	2	0

```
SELECT M.movie_Title, series.Series_Title, DSS.Disc_Num, DSI.Movie_ID, DSI.DVD_Series_Split_ID,
       count(DSI.Movie_ID) AS NumberOfDVDs_movies,
       count(DSI.DVD_Series_Split_ID) AS NumberOfDVDs_Series
FROM dvd_specific_info AS DSI
LEFT JOIN movies AS M
      ON M.movie_ID = DSI.movie_ID
LEFT JOIN dvd_series_split AS DSS
      ON DSS.DVD_Series_Split_ID = DSI.DVD_Series_Split_ID
LEFT JOIN season as S
      ON S.season_ID = DSS.season_ID
LEFT JOIN series
      on series.series_ID = S.Series_ID
group by DSI.movie_ID, DSI.DVD_Series_Split_ID;
```

	movie_Title	Series_Title	Disc_Num	Movie_ID	DVD_Series_Split_ID	NumberOfDVDs_movies	NumberOfDVDs_Series
▶	NULL	Firefly	1	NULL	1	0	2
	Mad Max: Fury Road	NULL	NULL	1	NULL	2	0
	Star Wars: A New Hope	NULL	NULL	2	NULL	1	0
	Star Wars: Return of the Jedi	NULL	NULL	4	NULL	1	0

```

SELECT M.movie_Title, series.Series_Title, DSS.Disc_Num, DSI.Movie_ID, DSI.DVD_Series_Split_ID,
       count(DSI.Movie_ID) AS NumberOfDVDs_movies,
       count(DSI.DVD_Series_Split_ID) AS NumberOfDVDs_Series
FROM dvd_specific_info AS DSI
LEFT JOIN movies AS M
    ON M.movie_ID = DSI.movie_ID
LEFT JOIN dvd_series_split AS DSS
    ON DSS.DVD_Series_Split_ID = DSI.DVD_Series_Split_ID
LEFT JOIN season AS S
    ON S.season_ID = DSS.season_ID
LEFT JOIN series
    on series.series_ID = S.Series_ID
WHERE DSI.DVD_Status = 'Ready'
group by DSI.movie_ID, DSI.DVD_Series_Split_ID;

```

call select_customers_payment_history('Castle')

	Cust_ID	Cust_FName	Cust_LName	plan_type	payment_date	payment_amount
▶	12	Frank	Castle	plan C	2015-02-01	12.99
	12	Frank	Castle	plan C	2015-01-01	12.99
	12	Frank	Castle	plan C	2015-05-10	12.99
	12	Frank	Castle	plan C	2016-04-10	12.99

call select_customers_payment_history('Castle')

	Cust_ID	Cust_FName	Cust_LName	plan_type	payment_date	payment_amount
▶	12	Frank	Castle	plan C	2015-02-01	12.99
	12	Frank	Castle	plan C	2015-01-01	12.99
	12	Frank	Castle	plan C	2015-05-10	12.99
	12	Frank	Castle	plan C	2016-04-10	12.99

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `select_customers_payment_history`(IN myCust varchar(25))
BEGIN
    select c.Cust_ID, Cust_FName, c.Cust_LName, p.plan_type, p.payment_date, p.payment_amount
    FROM customers AS c
    INNER JOIN payment_history AS p
        ON c.Cust_ID = p.Cust_ID
    WHERE c.Cust_LName = myCust
    order by c.Cust_LName, c.Cust_FName;
END
```



```
SELECT * FROM Cust_queue;
```

	Cust_ID	Movie_ID	DVD_Series_Split_ID	EP_ID
▶	15	5	NULL	NULL
	15	13	NULL	NULL
	16	NULL	4	NULL
	16	NULL	NULL	5

	cust_ID	series_title	Season_Num	Ep_Num	Disc_Num	Ep_Title	Movie_Title
▶	15	NULL	NULL	NULL	NULL	NULL	Terminator 2: Jugment Day
	15	NULL	NULL	NULL	NULL	NULL	300
	16	Firefly	1	NULL	1	NULL	NULL
	16	Game of Thrones	1	5	NULL	Episode 5 GoT	NULL

```
SELECT * FROM Cust_queue;
```

	Cust_ID	Movie_ID	DVD_Series_Split_ID	EP_ID
▶	15	5	NULL	NULL
	15	13	NULL	NULL
	16	NULL	4	NULL
	16	NULL	NULL	5

```
call select_all_customer_queue();
```

```
SELECT CQ.cust_ID, Series.series_title, S.Season_Num,
       E.Ep_Num, DSS.Disc_Num, E.Ep_Title, M.Movie_Title
FROM cust_queue AS CQ
```

```
LEFT JOIN dvd_series_split AS DSS
  ON DSS.DVD_Series_Split_ID = CQ.DVD_Series_Split_ID
LEFT JOIN dvd_specific_info AS DSI
  ON DSI.DVD_Series_Split_ID = DSS.DVD_Series_Split_ID
```

```
LEFT JOIN episode AS E
  ON e.Ep_ID = CQ.EP_ID
LEFT JOIN Season AS S
  ON S.Season_ID = E.season_ID
  OR DSS.Season_ID = S.Season_ID
LEFT JOIN series
  ON series.series_ID= S.series_ID
LEFT JOIN Movies AS M
  ON M.movie_ID=CQ.movie_ID
```

call `select_by_genre('Adventure');`
call `select_by_genre('Sci fi');`

	genre_type	movie_title	series_title
▶	Adventure	NULL	Game of Thrones
	Adventure	NULL	Firefly
	Adventure	Lord of the Rings: The Fellowship of the Ring	NULL

	genre_type	movie_title	series_title
▶	Sci fi	NULL	Firefly
	Sci fi	Mad Max: Fury Road	NULL

call select_by_genre('Adventure');
call select_by_genre('Sci fi');

	genre_type	movie_title	series_title
▶	Adventure	<small>NULL</small>	Game of Thrones
	Adventure	<small>NULL</small>	Firefly
	Adventure	Lord of the Rings: The Fellowship of the Ring	<small>NULL</small>

```
CREATE DEFINER='root'@'localhost' PROCEDURE `select_by_genre`(IN myGenre varchar(25))
BEGIN

SELECT g.genre_type, m.movie_title, series.series_title
FROM genre AS g
LEFT JOIN series
    on series.series_ID = g.series_ID
LEFT JOIN Movies AS M
    ON M.movie_ID = g.movie_ID
WHERE g.genre_type = myGenre;

END
```

call select_by_person('Dinklage');
call select_by_person('Seinfeld');

	person_ID	Person_LName	Person_FName	Person_Occupation	Movie_Title	Season_Num	series_title
▶	5	Dinklage	Peter	ActorActress	NULL	1	Game of Thrones
	5	Dinklage	Peter	ActorActress	NULL	2	Game of Thrones
	5	Dinklage	Peter	ActorActress	NULL	3	Game of Thrones

	person_ID	Person_LName	Person_FName	Person_Occupation	Movie_Title	Season_Num	series_title
▶	10	Seinfeld	Jerry	ActorActress	NULL	1	Seinfeld
	10	Seinfeld	Jerry	ActorActress	NULL	2	Seinfeld
	10	Seinfeld	Jerry	ActorActress	NULL	3	Seinfeld
	10	Seinfeld	Jerry	ActorActress	NULL	4	Seinfeld
	10	Seinfeld	Jerry	ActorActress	NULL	5	Seinfeld
	10	Seinfeld	Jerry	Writer	NULL	1	Seinfeld
	10	Seinfeld	Jerry	Writer	NULL	2	Seinfeld
	10	Seinfeld	Jerry	Writer	NULL	3	Seinfeld
	10	Seinfeld	Jerry	Writer	NULL	4	Seinfeld
	10	Seinfeld	Jerry	Writer	NULL	5	Seinfeld

call select_by_person('Dinklage');
call select_by_person('Seinfeld');

	person_ID	Person_LName	Person_FName	Person_Occupation	Movie_Title	Season_Num	series_title
▶	5	Dinklage	Peter	ActorActress	HULL	1	Game of Thrones
	5	Dinklage	Peter	ActorActress	HULL	2	Game of Thrones
	5	Dinklage	Peter	ActorActress	HULL	3	Game of Thrones

```
CREATE DEFINER='root'@'localhost' PROCEDURE `select_by_person`(IN myPerson varchar(25))
BEGIN
    SELECT p.person_ID, PI.Person_LName, PI.Person_FName, P.Person_Occupation, M.Movie_Title, S.Season_Num, series.series_title
    FROM person AS P
    INNER JOIN person_info as PI
        ON P.person_ID = PI.person_ID
    LEFT JOIN season AS S
        ON S.season_ID = P.Season_ID
    LEFT JOIN series
        ON series.Series_ID = S.Series_ID
    LEFT JOIN MOVIES AS M
        ON M.Movie_ID = P.Movie_ID
    WHERE pi.person_LName = myPerson;
END
```

call `select_persons_from_movies_or_series('Game of Thrones');`

	person_ID	Person_LName	Person_FName	Person_Occupation	Movie_Title	Season_Num	series_title
▶	8	Benioff	David	Writer	NULL	1	Game of Thrones
	8	Benioff	David	Writer	NULL	3	Game of Thrones
	8	Benioff	David	Writer	NULL	2	Game of Thrones
	9	Brett	Daniel	Writer	NULL	2	Game of Thrones
	9	Brett	Daniel	Writer	NULL	1	Game of Thrones
	9	Brett	Daniel	Writer	NULL	3	Game of Thrones
	5	Dinklage	Peter	ActorActress	NULL	1	Game of Thrones
	5	Dinklage	Peter	ActorActress	NULL	3	Game of Thrones
	5	Dinklage	Peter	ActorActress	NULL	2	Game of Thrones
	6	Headey	Lena	ActorActress	NULL	2	Game of Thrones
	6	Headey	Lena	ActorActress	NULL	1	Game of Thrones
	6	Headey	Lena	ActorActress	NULL	3	Game of Thrones

