

# **Netflix Database**

## **Final Report**

BADM 352 – Database Design and Management

Group 2 – SQL & Chill

Keemi Patel, Naiya Patel, Brian Deenihan, Eugene Hwang, Charlotte Shafer

## **Section 1: Context and Business Background Information**

Netflix is a streaming service that started as an online DVD rental service in 1997. It entered into the streaming industry in 2007 and currently has over 260 million subscribers. Globally, Netflix has over 13,500 titles including a variety of movies, TV shows, and video games.

We chose Netflix for this project because we are all familiar with the customer-facing side of Netflix and were able to identify several interconnected entities. We also thought movies and TV shows would be an interesting focus. On top of that, this data can also be used to recommend new offerings on Netflix to customers given their watch history.

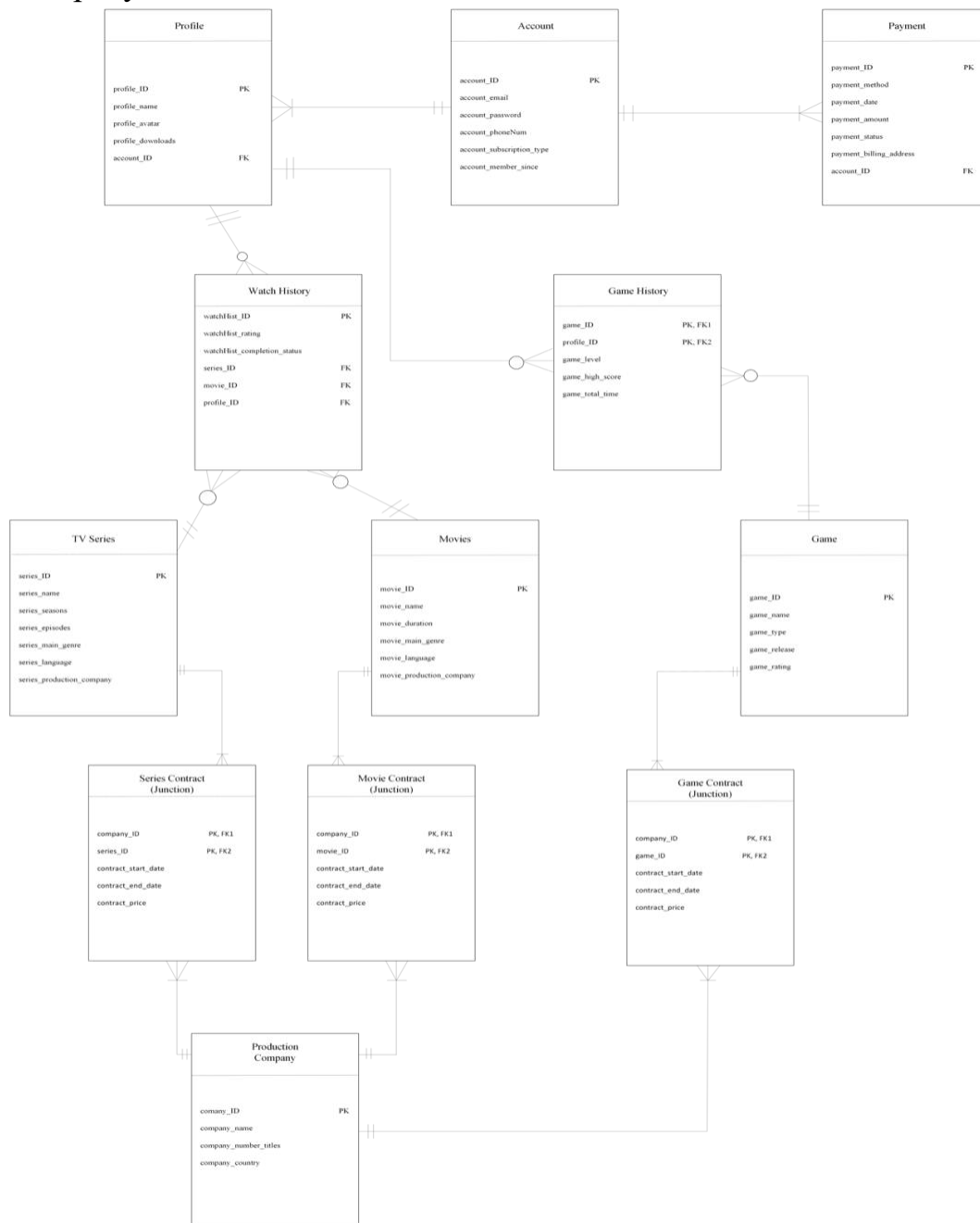
## **Section 2: Business Rules**

Netflix (profile, account, TV shows, movies, production company, contracts, payment, games)

Each account can have multiple profiles and each profile is associated with one account. Each profile can play many games, each game can be played by multiple profiles. A production company can produce and license multiple shows, and a show can be produced by one or more production companies. A production company can also produce and license multiple movies, and a movie can be produced by one or more production companies. An account will have one subscription plan, either standard with ads, standard, or premium. Netflix also tracks and records user data, so each profile will have data such as the amount of time spent watching and whether the user marked the content as liked or disliked. An account can make multiple payments and each payment is associated with only one account.

## Section 3: Relational Model and Underlying Assumptions

We had a total of 12 tables, which included any junction tables: Profile, Account, Payment, Watch History, Game History, TV Series, Movies, Game, Series Contract (junction), Movie Contract (junction), Game Contract (junction), and Production Company.



## Section 4: Database Tables

Here are the screenshots of each table in the database:

## Account

	account_ID	account_email	account_password	account_phoneNum	account_subscription_type	account_member_since
▶	101	keemi2@gmail.com	passPat123	1234567890	Premium	2020-06-10
	102	nayia3@gmail.com	passEL456	0987654321	Basic	2021-01-20
	103	brian4@gmail.com	SHaPwd789	4567891230	Premium	2022-09-05
	104	charlotte5@gmail.com	BaiPass321	7890123456	Basic	2019-11-15
	105	eugene6@gmail.com	egene45Pass	3216549870	Premium	2023-03-01
⚙	NULL	NULL	NULL	NULL	NULL	NULL

## Profile

profile_ID	profile_name	profile_avatar	profile_downloads	account_ID
1	Naiya	avatar1	5	101
2	Keemi	avatar2	6	102
3	Brian	avatar3	3	103
4	Charlotte	avatar4	2	104
5	Eugene	avatar5	6	105
NULL	NULL	NULL	NULL	NULL

## Payment

[illegible]

Production Company

company_ID	company_name	company_number_titles	company_country
51	Warner Bros	120	USA
52	Paramount	80	USA
53	National Geo	60	USA
54	Telemundo	45	Mexico
55	CBS	75	USA
56	Pixar Animation Studios	50	USA
57	BBC Studios	65	UK
58	Studio Ghibli	40	Japan
59	Sony Pictures	85	USA
60	Bollywood Films	70	India
NULL	NULL	NULL	NULL

Game

	game_ID	game_name	game_type	game_release	game_rating
▶	601	Galaxy Fighters	Action	2022-06-15	4
	602	Cooking Master	Simulation	2021-08-10	5
	603	Detective Hunt	Mystery	2020-11-20	4
	604	Space Racer	Racing	2019-05-25	3
	605	Romance Quest	Adventure	2023-01-05	2
⊞	NULL	NULL	NULL	NULL	NULL

Game Contract

company_ID	game_ID	contract_start_date	contract_end_date	contract_price
52	603	2025-03-20	2025-09-20	105000
53	601	2025-01-05	2025-12-05	115001
57	604	2025-04-15	2025-10-15	112000
58	602	2025-02-10	2026-02-10	98000.2
60	605	2025-05-30	2026-05-30	120000
NULL	NULL	NULL	NULL	NULL

Game History

	game_ID	profile_ID	game_level	game_high_score	game_total_time
▶	601	1	10	1500	20
	602	2	8	1200	15
	603	3	5	800	10
	604	4	12	1600	25
	605	5	9	1300	18
⊛	NULL	NULL	NULL	NULL	NULL

Watch History

	watchHist_ID	watchHist_rating	watchHist_completion_status	series_ID	movie_ID	profile_ID
▶	701	5	98.2	201	NULL	1
	702	4	28.4	NULL	502	2
	703	3	50.6	202	NULL	3
	704	5	68.9	NULL	505	4
	705	2	22.2	204	NULL	5
⊛	NULL	NULL	NULL	NULL	NULL	NULL

Movies

	movie_ID	movie_name	movie_duration	movie_main_genre	movie_language	movie_production_company
▶	501	Eternal Horizons	120	Sci-Fi	English	Stellar Studios
	502	Crimson Dusk	105	Drama	Spanish	CineLatino Productions
	503	Neon Chase	110	Action	English	Velocity Films
	504	Whispers of Time	95	Romance	French	Étoile Pictures
	505	Shadow Protocol	130	Thriller	German	Nordlicht Entertainment
⊛	NULL	NULL	NULL	NULL	NULL	NULL

Movie Contract

company_ID	movie_ID	contract_start_date	contract_end_date	contract_price
56	501	2025-01-10	2025-12-10	100001
57	502	2025-02-20	2026-02-20	120001
58	503	2025-03-15	2025-09-15	95000.2
59	504	2025-04-05	2025-10-05	110000
60	505	2025-05-25	2026-05-25	130000
NULL	NULL	NULL	NULL	NULL

TV Series

series_ID	series_name	series_seasons	series_episodes	series_main_genre	series_language	series_production_company
201	The Chase	3	24	Thriller	English	Warner Bros
202	Galaxy Quest	5	60	Sci-Fi	English	Paramount
203	Foodie Life	2	16	Documentary	English	National Geo
204	Love Saga	4	40	Romance	Spanish	Telemundo
205	Detective Mind	6	72	Mystery	English	CBS
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Series Contract

	company_ID	series_ID	contract_start_date	contract_end_date	contract_price
▶	51	201	2025-01-01	2025-12-31	50000.9
	52	202	2025-02-15	2026-02-14	75000.2
	53	203	2025-03-01	2025-09-30	62000.3
	54	204	2025-04-01	2025-10-01	88000.2
	55	205	2025-05-10	2026-05-09	93000.9
⦿	NULL	NULL	NULL	NULL	NULL

Section 5: Code for Creation of Tables and Insertion of Data

Creation:

*Database*

**Create database naiyasp2\_NETFLIX;**

*Account*

```
create table Account(  
account_id varchar(20) not null unique,  
account_email varchar(100),  
account_password varchar(20),  
account_phoneNum int(10),  
account_subscription_type char(30),  
account_member_since date,  
primary key (account_ID));
```

*Payment*

```
create table Payment(  
payment_ID varchar(20),  
payment_method char(50),  
payment_date date,  
Payment_amount float(4),  
payment_status char(20),  
payment_billing_address varchar(500),  
account_ID varchar(20),  
primary key (payment_ID));
```

*Profile*

```
create table Profile(  
profile_ID varchar(20) not null unique,  
profile_name char(50),  
profile_avatar char(20),
```



**profile\_downloads int(10),  
primary key (profile\_ID),  
foreign key (account\_ID));**

### *Watch\_History*

**create table Watch\_History(  
watchHist\_ID varchar(20) not null unique,  
watchHist\_rating int,  
watchHist\_completion\_status float(2),  
series\_ID varchar(20),  
movie\_ID varchar(20),  
profile\_ID varchar(20),  
primary key (watchHist\_ID),  
foreign key (series\_ID) references TV\_Series(series\_ID),  
foreign key (movie\_ID) references Movies(movie\_ID),  
foreign key (profile\_ID) references Profile(profile\_ID));**

### *Game\_History*

**create table Game\_History(  
game\_ID varchar(20) not null unique,  
profile\_ID varchar(20) not null unique,  
game\_level int,  
game\_high\_score int,  
game\_total\_time int,  
primary key (game\_ID, profile\_ID),  
foreign key (game\_ID) references Game(game\_ID),  
foreign key (profile\_ID) references Profile(profile\_ID));**

### *Game*

**create table Game(**

**game\_ID varchar(20) not null unique,  
game\_name char(50),  
game\_type char(50),  
game\_release date,  
game\_rating int,  
primary key (game\_ID));**

### *Movies*

**create table Movies(  
movie\_ID varchar(20) not null unique,  
movie\_name char(50),  
movie\_duration int,  
movie\_main\_genre char(20),  
movie\_language char(20),  
movie\_production\_company char(50),  
primary key(movie\_ID));**

### *TV\_Series*

**create table TV\_Series(  
series\_ID varchar(20) not null unique,  
series\_name char(50),  
series\_seasons int,  
series\_episodes int,  
series\_main\_genre char (20),  
series\_language char (20),  
series\_production\_company char (50),  
primary key(series\_ID));**

### *Production\_Company*

**create table Production\_Company(  
company\_ID varchar(20),**

**company\_name** char(100),  
**company\_number\_titles** int (10),  
**company\_country** char (100),  
**primary key**(company\_ID));

#### *Series\_Contract*

**create table Series\_Contract**(  
**company\_ID** varchar(20),  
**series\_ID** varchar(20),  
**contract\_start\_date** date,  
**contract\_end\_date** date,  
**contract\_price** float(2),  
**primary key**(company\_ID, series\_ID),  
**foreign key**(company\_ID) references **Production\_Company**(company\_ID),  
**foreign key**(series\_ID) references **TV\_Series**(series\_ID));

#### *Movie\_Contract*

**create table Movie\_Contract**(  
**company\_ID** varchar(20),  
**movie\_ID** varchar(20),  
**contract\_start\_date** date,  
**contract\_end\_date** date,  
**contract\_price** float(2),  
**primary key**(company\_ID, movie\_ID),  
**foreign key**(company\_ID) references **Production\_Company**(company\_ID),  
**foreign key**(movie\_ID) references **Movies**(movie\_ID));

#### *Game\_Contract*

**create table Game\_Contract**(  
**company\_ID** varchar(20),  
**game\_ID** varchar(20),

**contract\_start\_date date,  
contract\_end\_date date,  
contract\_price float(2),  
primary key(company\_ID, game\_ID),  
foreign key(company\_ID) references Production\_Company(company\_ID),  
foreign key(game\_ID) references Game(game\_ID));**

Insertion:

*Account*

**INSERT INTO Account (account\_ID, account\_email, account\_password,  
account\_phoneNum, account\_subscription\_type, account\_member\_since)  
VALUES  
(‘101’, ‘keemi2@gmail.com’, ‘passPat123’, ‘1234567890’, ‘Premium’, ‘2020-06-10’),  
(‘102’, ‘nayia3@gmail.com’, ‘passEL456’, ‘0987654321’, ‘Basic’, ‘2021-01-20’),  
(‘103’, ‘brian4@gmail.com’, ‘SHaPwd789’, ‘4567891230’, ‘Premium’, ‘2022-09-05’),  
(‘104’, ‘charlotte5@gmail.com’, ‘BaiPass321’, ‘7890123456’, ‘Basic’, ‘2019-11-15’),  
(‘105’, ‘eugene6@gmail.com’, ‘egene45Pass’, ‘3216549870’, ‘Premium’, ‘2023-03-01’);**

*Payment*

**INSERT INTO Payment (  
payment\_ID, payment\_method, payment\_date, payment\_amount,  
payment\_status, payment\_billing\_address, account\_ID) VALUES  
(‘401’, ‘Credit Card’, ‘2024-01-01’, 14.99, ‘Completed’, ‘123 Main St, New York, NY 10001’, 101),**

**(‘402’, ‘PayPal’, ‘2024-01-15’, 7.99, ‘Completed’, ‘456 Oak Ave, Los Angeles, CA 90001’, 102),  
(‘403’, ‘Credit Card’, ‘2024-02-01’, 14.99, ‘Pending’, ‘789 Pine Rd, Chicago, IL 60601’, 103),  
(‘404’, ‘Debit Card’, ‘2024-03-01’, 7.99, ‘Completed’, ‘321 Maple Ln, Houston, TX 77001’, 104),  
(‘405’, ‘Credit Card’, ‘2024-04-01’, 14.99, ‘Completed’, ‘654 Elm St, Miami, FL 33101’, 105);**

### *Profile*

**INSERT INTO Profile (profile\_ID, profile\_name, profile\_avatar, profile\_downloads, account\_ID) VALUES  
(1, ‘Naiya’, ‘avatar1’, ‘5’, 101),  
(2, ‘Keemi’, ‘avatar2’, ‘6’, 102),  
(3, ‘Brian’, ‘avatar3’, ‘3’, 103),  
(4, ‘Charlotte’, ‘avatar4’, ‘2’, 104),  
(5, ‘Eugene’, ‘avatar5’, ‘6’, 105);**

### *Watch\_History*

**INSERT INTO Watch\_History (watchHist\_ID, watchHist\_rating, watchHist\_completion\_status, series\_ID, movie\_ID, profile\_ID) VALUES  
(‘701’, 5, 98.2, ‘201’, NULL, ‘1’),  
(‘702’, 4, 28.4, NULL, ‘302’, ‘2’),  
(‘703’, 3, 50.6, ‘202’, NULL, ‘3’),  
(‘704’, 5, 68.9, NULL, ‘305’, ‘4’),  
(‘705’, 2, 22.2, ‘204’, NULL, ‘5’);**

### *Game\_History*

**INSERT INTO Game\_History (game\_ID, profile\_ID, game\_level, game\_high\_score, game\_total\_time) VALUES**

**(‘601’, ‘1’, 10, 1500, 20),  
(‘602’, ‘2’, 8, 1200, 15),  
(‘603’, ‘3’, 5, 800, 10),  
(‘604’, ‘4’, 12, 1600, 25),  
(‘605’, ‘5’, 9, 1300, 18);**

### *Game*

**INSERT INTO Game (game\_ID, game\_name, game\_type, game\_release,  
game\_rating) VALUES  
(‘601’, ‘Galaxy Fighters’, ‘Action’, ‘2022-06-15’, 4),  
(‘602’, ‘Cooking Master’, ‘Simulation’, ‘2021-08-10’, 5),  
(‘603’, ‘Detective Hunt’, ‘Mystery’, ‘2020-11-20’, 4),  
(‘604’, ‘Space Racer’, ‘Racing’, ‘2019-05-25’, 3),  
(‘605’, ‘Romance Quest’, ‘Adventure’, ‘2023-01-05’, 2);**

### *Movies*

**INSERT INTO Movies (  
movie\_ID,  
movie\_name,  
movie\_duration,  
movie\_main\_genre,  
movie\_language,  
movie\_production\_company  
)  
VALUES  
(‘501’, ‘Eternal Horizons’, 120, ‘Sci-Fi’, ‘English’, ‘Stellar Studios’),  
(‘502’, ‘Crimson Dusk’, 105, ‘Drama’, ‘Spanish’, ‘CineLatino  
Productions’),  
(‘503’, ‘Neon Chase’, 110, ‘Action’, ‘English’, ‘Velocity Films’),  
(‘504’, ‘Whispers of Time’, 95, ‘Romance’, ‘French’, ‘Étoile Pictures’),  
(‘505’, ‘Shadow Protocol’, 130, ‘Thriller’, ‘German’, ‘Nordlicht  
Entertainment’);**

### *TV\_Series*

```
INSERT INTO TV_Series (series_ID, series_name, series_seasons,  
series_episodes, series_main_genre, series_language,  
series_production_company) VALUES  
(‘201’, ‘The Chase’, 3, 24, ‘Thriller’, ‘English’, ‘Warner Bros’),  
(‘202’, ‘Galaxy Quest’, 5, 60, ‘Sci-Fi’, ‘English’, ‘Paramount’),  
(‘203’, ‘Foodie Life’, 2, 16, ‘Documentary’, ‘English’, ‘National Geo’),  
(‘204’, ‘Love Saga’, 4, 40, ‘Romance’, ‘Spanish’, ‘Telemundo’),  
(‘205’, ‘Detective Mind’, 6, 72, ‘Mystery’, ‘English’, ‘CBS’);
```

### *Production\_Company*

```
INSERT INTO Production_Company (company_ID, company_name,  
company_number_titles, company_country) VALUES  
(‘51’, ‘Warner Bros’, 120, ‘USA’),  
(‘52’, ‘Paramount’, 80, ‘USA’),  
(‘53’, ‘National Geo’, 60, ‘USA’),  
(‘54’, ‘Telemundo’, 45, ‘Mexico’),  
(‘55’, ‘CBS’, 75, ‘USA’),  
(‘56’, ‘Pixar Animation Studios’, 50, ‘USA’),  
(‘57’, ‘BBC Studios’, 65, ‘UK’),  
(‘58’, ‘Studio Ghibli’, 40, ‘Japan’),  
(‘59’, ‘Sony Pictures’, 85, ‘USA’),  
(‘60’, ‘Bollywood Films’, 70, ‘India’);
```

### *Series\_Contract*

```
INSERT INTO series_contract (  
    company_ID,  
    series_ID,  
    contract_start_date,
```

```
contract_end_date,  
contract_price  
)  
VALUES  
('51', '201', '2025-01-01', '2025-12-31', 50000.88),  
('52', '202', '2025-02-15', '2026-02-14', 75000.22),  
('53', '203', '2025-03-01', '2025-09-30', 62000.34),  
('54', '204', '2025-04-01', '2025-10-01', 88000.21),  
('55', '205', '2025-05-10', '2026-05-09', 93000.87);
```

*Movie\_Contract*

```
INSERT INTO movie_contract (  
company_ID,  
movie_ID,  
contract_start_date,  
contract_end_date,  
contract_price  
)  
VALUES  
('56', '501', '2025-01-10', '2025-12-10', 100000.99),  
('57', '502', '2025-02-20', '2026-02-20', 120000.88),  
('58', '503', '2025-03-15', '2025-09-15', 95000.22),  
('59', '504', '2025-04-05', '2025-10-05', 110000.11),  
('60', '505', '2025-05-25', '2026-05-25', 130000.21);
```

*Game\_contract*

```
INSERT INTO game_contract (  
company_ID,  
game_ID,  
contract_start_date,  
contract_end_date,  
contract_price
```



)

VALUES

('53', '601', '2025-01-05', '2025-12-05', 115000.99),  
( '58', '602', '2025-02-10', '2026-02-10', 98000.21),  
( '52', '603', '2025-03-20', '2025-09-20', 105000.43),  
( '57', '604', '2025-04-15', '2025-10-15', 112000.23),  
( '60', '605', '2025-05-30', '2026-05-30', 120000.22);

## Section 6: Queries and Results

### 1. Determine the most popular subscription plan

```
9 • SELECT account_subscription_type, COUNT(*) FROM Account
10 GROUP BY account_subscription_type
11 ORDER BY count(*) DESC;
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
account_subscription_type	COUNT(*)			
Premium	3			
Basic	2			

### 2. List the tv series that accounts with a premium subscription have watched

```
14 • SELECT DISTINCT TS.series_name
15 FROM TV_Series TS
16 INNER JOIN Watch_History WH ON TS.series_ID = WH.series_ID
17 INNER JOIN Profile P ON WH.profile_ID = P.profile_ID
18 INNER JOIN Account A ON P.account_ID = A.account_ID
19 WHERE A.account_subscription_type = 'Premium';
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
series_name				
The Chase				
Galaxy Quest				
Love Saga				

### 3. List the company name(s) and movie name(s) of the movie(s) with the longest contract

```

11 • Select pc.company_name, m.movie_name
12 FROM Production_Company as pc INNER JOIN Movie_Contract as mc INNER JOIN Movies as m
13 ON pc.company_ID = mc.company_ID AND mc.movie_ID = m.movie_ID
14 WHERE DATEDIFF(mc.contract_end_date, mc.contract_start_date) =
15 (select max(datediff(contract_end_date, contract_start_date)) from Movie_Contract);
16

```

100% 62:13

Result Grid Filter Rows: Search Export:

company_name	movie_name
BBC Studios	Crimson Dusk
Bollywood Films	Shadow Protocol

**4. List the profile name, game name, and total game time of the entry in game history that has the longest total game time**

```

21 • SELECT P.profile_name, G.game_name, GH.game_total_time
22 FROM Game_History GH
23 INNER JOIN Profile P ON GH.profile_ID = P.profile_ID
24 INNER JOIN Game G ON GH.game_ID = G.game_ID
25 WHERE GH.game_total_time = (
26 SELECT MAX(game_total_time) FROM Game_History
27 );

```

Result Grid Filter Rows: Search Export: Wrap Cell Content: I

profile_name	game_name	game_total_time
Charlotte	Space Racer	25

**5. Find the average game rating across all games**

```

185 • select avg(game_rating) from Game;
186

```

100% 27:175

Result Grid Filter Rows: Search Export:

avg(game_ratin...
3.6000

**6. List the account information for accounts that include “pass” or “Pass” in their passwords**

```

187 • select * from Account
188 where account_password like '%pass%' or account_password like '%Pass%';
189

```

100% 1:184

Result Grid Filter Rows: Search Edit: Export/Import:

account_ID	account_email	account_password	account_phoneN...	account_subscription_t...	account_member_sin...
101	keemi2@gmail.com	passPat123	1234567890	Premium	2020-06-10
102	nayia3@gmail.com	passEL456	0987654321	Basic	2021-01-20
104	charlotte5@gmail.com	BaiPass321	7890123456	Basic	2019-11-15
105	eugene6@gmail.com	eugene45Pass	3216549870	Premium	2023-03-01
NULL	NULL	NULL	NULL	NULL	NULL

**7. List the production company information from the production company with the least titles and the production company with the most titles**

```

44 • SELECT * FROM Production_Company
45 WHERE company_number_titles in (SELECT MAX(company_number_titles) FROM Production_Company )
46 OR company_number_titles IN (SELECT MIN(company_number_titles) FROM Production_Company );
47

```

company_ID	company_name	company_number_titles	company_country
51	Warner Bros	120	USA
58	Studio Ghibli	40	Japan
NULL	NULL	NULL	NULL

## 8. List the number of movies grouped by language

```

48 • Select movie_language, count(*)
49 From Movies
50 Group by movie_language;
51

```

movie_language	count(*)
English	2
Spanish	1
French	1
German	1

## 9. List the account t ID for accounts with billing addresses in Illinois (written in billing address as 'IL')

```

10 • select account_ID from Payment
11 where payment_billing_address like "% IL %";
12

```

account_ID
103

## 10. List the tv series information and tv series contract price for the series with the highest contract price

```

13 • select S.*, C.contract_price from TV_Series as S inner join Series_Contract as C
14 on S.series_ID = C.series_ID
15 where C.contract_price in (select max(contract_price) from Series_Contract);

```

series_ID	series_name	series_seasons	series_episodes	series_main_genre	series_language	series_production_comp...	contract_pri...
205	Detective Mind	6	72	Mystery	English	CBS	93000.9

## **Section 7: Limitations and Scope of Extension**

Given more time and resources, we would like to extend the scope of our database in three main ways: break the Watch History table into two tables — Movie Watch History and Series Watch History, add tables for internal aspects of Netflix, and add a table for projects that are in production. The Watch History table currently contains information of both TV series and movies that have been watched by profiles. This leads to many null values, since each row will contain a null value under the series\_ID or movie\_ID column, depending on which form of content the row relates to. Breaking up the Watch History table into Movie Watch History and Series Watch History would not only reduce the number of null values stored in the database, but also simplify queries related to attributes that may not be comparable between mediums. For example, the average completion status of the Watch History table would not carry much meaning given that movies and TV series typically have dramatically different lengths. Creating two tables would solve these problems. One limitation of our current model is that it only focuses on customer-facing aspects of Netflix. To expand the scope, we would want to add tables that represent internal divisions of Netflix, such as geographical divisions, departments, employees, and infrastructure providers. This would make our model more complex but would also provide additional data that could be useful for Netflix. One way to incorporate internal entities into the current model is adding relationships between geographical divisions and the TV Series, Movies, and Accounts tables. Depending on where an account is located, different movies and TV series will be available. Keeping track of the location of their users and in which region certain shows or movies are available would provide Netflix with more tailored data that could be used for recommendations or other analysis. Furthermore, we would like to add tables for projects that are currently in production, as this would help Netflix keep track of the status of their projects. Because finished and unfinished projects have varying attributes and relationships, creating entirely new tables to represent projects in production makes the most sense.

## **Section 8: AI Assistance**

### **Generate sample data:**

- Create user profiles such as names, avatars, and email addresses
- Generate movie titles, production company names, and games
- Provided us with varied durations and interactions for watch history and game history

### **Designing Scenarios:**

- Created examples of information we can derive from the database such as finding “longest game time” or “top-watched movies”
- Helped us get started on creating our own scenarios for querying