INF10002 Database Analysis and Design

Task 4 – Credit Submission

Student Number: s103542974
Student Name: Hai Hoang Le

Step 1

SELECT m.movieno, m.title,c.colourname,r.SHORTDESC FROM movie m inner join colourtype c on m.colourcode =c.colourcode inner join rating r on m.ratingcode = r.ratingcode order by m.title desc

MOVIENO	TITLE	COLOURNAME	SHORTDESC
329833	Zoolander 2	Colour Movie	MATURE (15+)
9398	Zoolander	Colour Movie	MATURE (15+)
19908	Zombieland	Colour Movie	MATURE ACCOMPANIED (15+)
11967	Young Guns	Colour Movie	MATURE ACCOMPANIED (15+)
1819	You, Me and Dupree	Colour Movie	MATURE (15+)
127585	X-Men: Days of Future Past	Colour Movie	MATURE (15+)
36657	X-Men	Colour Movie	MATURE (15+)
72190	World War Z	Colour Movie	MATURE (15+)
44147	Wild Target	Colour Movie	MATURE (15+)
11199	Wild Hogs	Colour Movie	MATURE (15+)

Step 2

SELECT a.fullname, m.title, m.relyear FROM casting2974 c inner join movie2974 m on m.movieno = c.movieno inner join actor2974 a on a.actorno = c.actorno order by a.fullname desc

FULLNAME	TITLE	RELYEAR
Zoey Deutch	Vampire Academy	2014
Zoey Deutch	Before I Fall	2017
Zoey Deutch	Set It Up	2018
Zoey Deutch	The Disaster Artist	2017
Zoey Deutch	Why Him?	2016
Zoey Deutch	Zombieland: Double Tap	2019
Zoe Saldana	Star Trek Into Darkness	2013
Zoe Saldana	Avatar	2009
Zoe Saldana	The Words	2012
Zoe Saldana	Avengers: Infinity War	2018

SELECT
m.ratingcode,Count(m.movieno)
FROM movie2974 m group by
m.ratingcode order by
Count(m.movieno) desc

RATINGCODE	COUNT(M.MOVIENO)
M	185
PG	124
MA	80
G	16

Step 4

SELECT
m.ratingcode,Count(m.movieno)
FROM movie2974 m group by
m.ratingcode having
Count(m.movieno) >21 order by
Count(m.movieno) desc

RATINGCODE	COUNT(M.MOVIENO)
M	185
PG	124
MA	80

Step 5

SELECT
m.ratingcode,Count(m.movieno)
FROM movie2974 m where
m.relyear between 1996 and 2010
group by m.ratingcode having
Count(m.movieno) >21 order by
Count(m.movieno) desc

RATINGCODE	COUNT(M.MOVIENO)
M	82
PG	45
MA	31

Step 6

```
select a.fullname,a.gender,
count(c.castid) as Count from actor2974 a
inner join casting2974 c on c.actorno =
a.actorno group by a.fullname,a.gender
order by a.fullname desc
```

FULLNAME	GENDER	COUNT
Zoey Deutch	F	6
Zoe Saldana	F	9
Zoe Kazan	F	3
Zeljko Ivanek	M	5
Zazie Beetz	F	1
Zach Woods	M	3
Zach Galifianakis	M	3
Zac Efron	M	4
Woody Harrelson	M	8
Winona Ryder	F	4
Willow Shields	F	4
Willie Garson	M	3
William Sadler	M	3
William Melling	M	5
William Hurt	M	4

```
select a.fullname,m.ratingcode,
count(c.castid) as Count from actor2974 a
inner join casting2974 c on c.actorno =
a.actorno inner join movie2974 m on
m.movieno = c.movieno group by
a.fullname,m.ratingcode order by
a.fullname,m.ratingcode asc
```

FULLNAME	RATINGCODE	COUNT
Aaron Himelstein	M	3
Aaron Himelstein	MA	1
Abigail Breslin	M	3
Abigail Breslin	PG	1
Adam Devine	M	5
Adam Devine	PG	1
Adam Garcia	M	1
Adam Garcia	PG	1
Adam Sandler	G	1
Adam Sandler	M	3
Adrian Rawlins	M	2
Adrian Rawlins	PG	5
Afshan Azad	M	2

Step 8

select state, gender, sum(salesthisyear) from customer2974 where rating ='1' or rating='2' or rating='3' group by state, gender order by state, gender asc

STATE	GENDER	SUM(SALESTHISYEAR)
New South Wales	F	899
New South Wales	M	3386
South Australia	F	2430
Tasmania	F	1312
Tasmania	M	229
Victoria	F	6695
Victoria	M	7001
Western Australia	F	11247
Western Australia	M	3169