

INF10002 Database Analysis and Design

Task 4 – Pass Submission

Student Number: s103542974

Student Name: Hai Hoang Le

Step 1

CAMPAIGN(CampaignCode,CampaignTitle)
Primary Key (CAMPAIGNCODE)
PLAYER (Pid, PName, Gender)
Primary Key (Pid)
Foreign Key(CampaignCode) references CAMPAIGN

Step 2

```
CREATE TABLE CAMPAIGN (  
    campaigncode VARCHAR(6) NULL  
    , campaigntitle VARCHAR(100) NULL  
    PRIMARY KEY (campaigncode),  
);  
  
CREATE TABLE Player (  
    pid int NULL,  
    pname varchar(25) NULL,  
    gender varchar(1) ,  
    Campaigncode varchar(6)  
    PRIMARY KEY (pid),  
    FOREIGN KEY (campaigncode) REFERENCES CAMPAIGN(campaigncode)  
);
```

Step 3

```
INSERT INTO Campaign( campaigncode, campaigntitle)VALUES('1', 'Campaign One');
INSERT INTO Campaign( campaigncode, campaigntitle)VALUES('2', 'Campaign Two');
INSERT INTO Campaign( campaigncode, campaigntitle)VALUES('3', 'Campaign Three');

INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('21', 'Ali Aien', 'M', '2');
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('22', 'Peter Ymer', 'M', '1');
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('23', 'Sarah Rogers', 'F','1');
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('24', 'Sheelan Aien','F', '2');
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('25', 'Hai Le', 'M', '3');
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('26', 'Thy','M', '3');
```

Step 4

select * from campaign

CAMPAIGNCODE	CAMPAIGNTITLE
1	Campaign One
2	Campaign Two
3	Campaign Three

select * from player

PID	PNAME	GENDER	CAMPAIGNCODE
22	Peter Ymer	M	1
21	Ali Aien	M	2
23	Sarah Rogers	F	1
24	Sheelan Aien	F	2
25	Hai Le	M	3
26	Thy	F	3

Step 5

Enter Statements:

```
INSERT INTO Campaign( campaigncode, campaigntitle)VALUES('1', 'Campaign Four');
```

Execute

Clear

```
INSERT INTO Campaign( campaigncode, campaigntitle)VALUES('1', 'Campaign Four')
*
```

Error at line 1:
ORA-00001: unique constraint (S103542974.SYS_C00753440) violated

Enter Statements:

```
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('27', 'Marcus Bontempelli','M', '4');
```

Execute

Clear

```
INSERT INTO Player( pid, pname, gender, campaigncode)VALUES('27', 'Marcus Bontempelli','M', '4')
*
```

Error at line 1:
ORA-02291: integrity constraint (S103542974.SYS_C00753470) violated - parent key not found

Step 6

```
select p.pname,  
c.campaigntitle from player p  
inner join campaign c on  
p.campaigncode =  
c.campaigncode
```

PNAME	CAMPAIGNTITLE
Peter Ymer	Campaign One
Sarah Rogers	Campaign One
Sheelan Aien	Campaign Two
Ali Aien	Campaign Two
Thy	Campaign Three
Hai Le	Campaign Three

Step 7

```
SELECT
COUNT(pname)
FROM player
COUNT(PNAME)
6
```

```
SELECT
COUNT(campaigncode)
FROM player
COUNT(CAMPAIGNCODE)
6
```

Step 8

Query1	ACTOR2974	Query2
<pre>SELECT a.Birthcountry, Count(a.birthcountry) AS Count FROM ACTOR2974 AS a GROUP BY a.birthcountry;</pre>		
Birthcountry	Count	
Australia	3	
Belgium	1	
Benin	1	
Brazil	1	
Canada	23	
China	1	
Colombia	1	
Croatia	1	
Cuba	1	
Denmark	1	

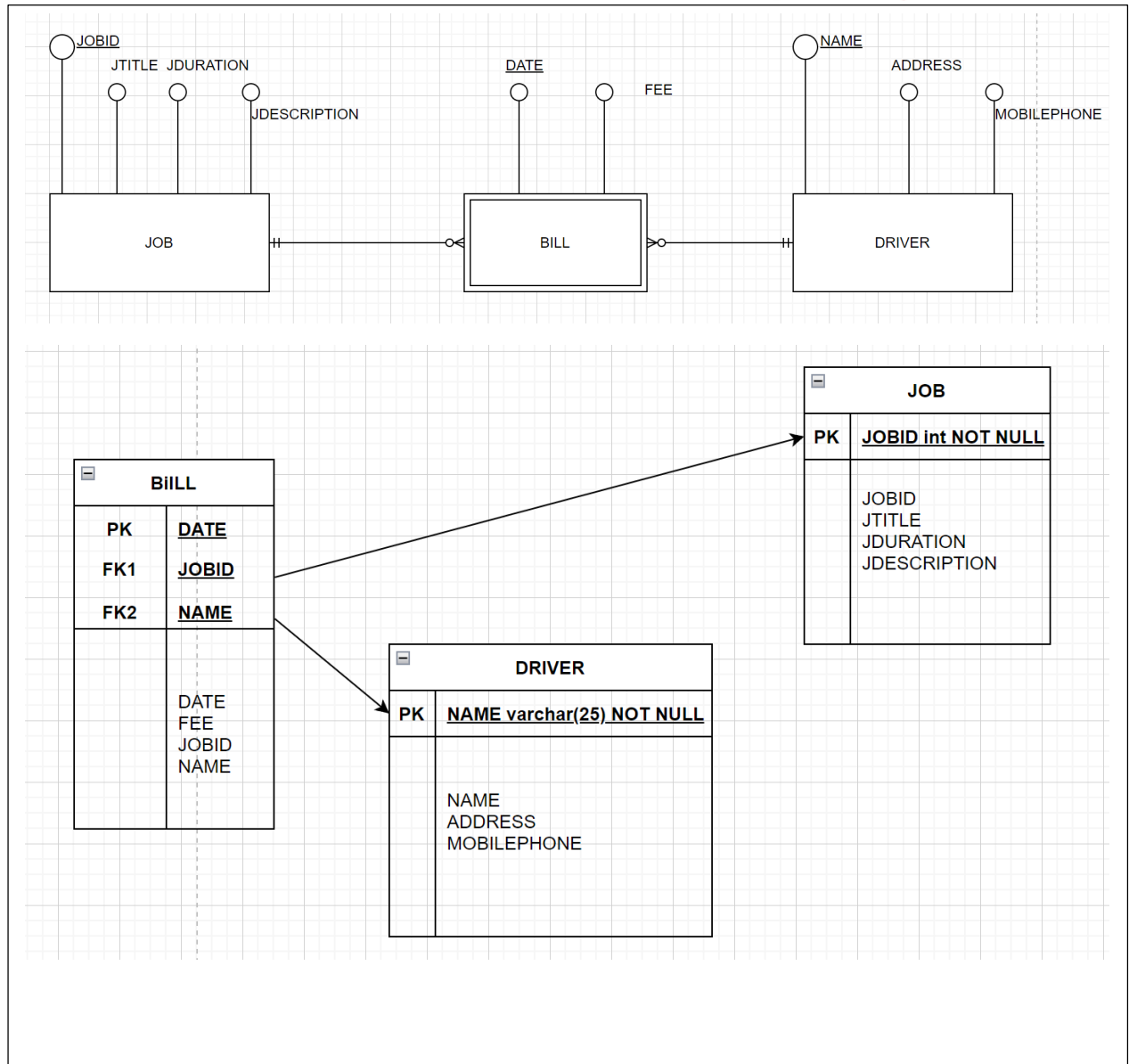
Step 9

```
SELECT m.title, m.relyear, m.runtime, m.tmdb_score
FROM MOVIE2974 as m
where m.relyear > 2002
and m.ratingcode = 'M'
order by m.tmdb_score desc
```

Field:	title	relyear	runtime	tmdb_score	ratingcode
Table:	m	m	m	m	m
Sort:				Descending	
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:		> 2002			'M'
or:					

title	relyear	runtime	tmdb_score
The Lord of the Rings: The Return of the King	2003	201	8.4
The Dark Knight	2008	152	8.4
Avengers: Infinity War	2018	149	8.3
Inception	2010	148	8.3
Interstellar	2014	169	8.2
The Departed	2006	151	8.1
Harry Potter and the Deathly Hallows: Part 2	2011	130	8.1
The Imitation Game	2014	113	8.1
The Grand Budapest Hotel	2014	99	8
Casino Royale	2006	144	8

Step 10



Step11

