

MySQL Final Project

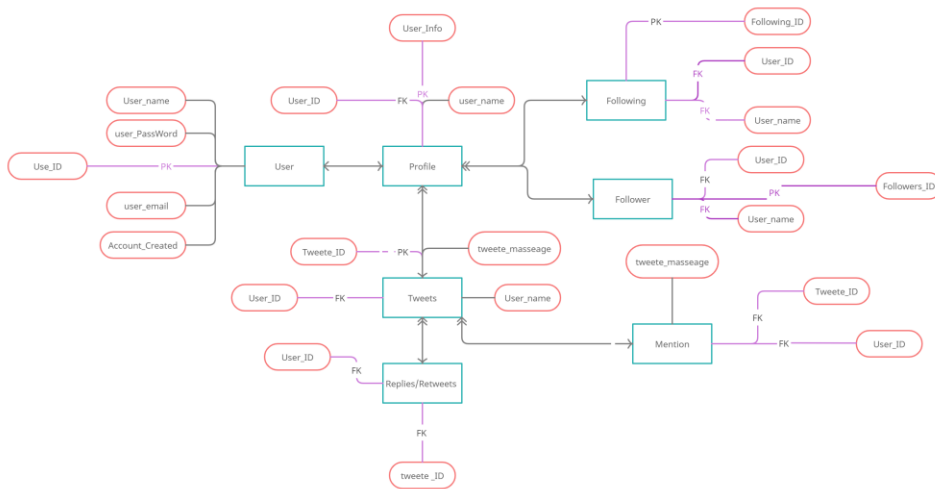
المجموعة: القدية

اسم المتدربة: رهدف القحطاني

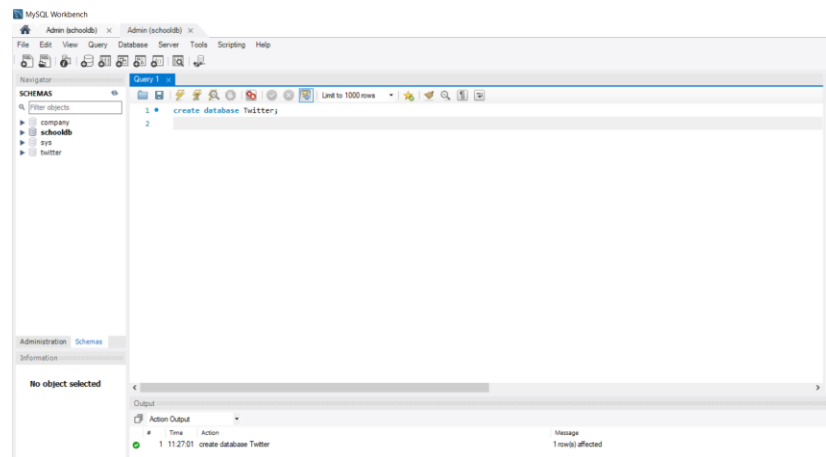
اسم المشرفة: نورة عبد الله

ER Diagram

أولاً: استنتاج العلاقات ورسم الجداول والأعمدة تحديد الفورين كي في الرسمة



ثانياً: انشاء قاعدة بيانات جديدة



ثالثا: انشاء الجداول المطلوبة مع العلاقات

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

Schemas

- company
- schoolb
- sys
- twitter
 - Tables
 - Views
 - Stored Procedures
 - Functions

Administration Schemas

Information

Schema: twitter

```

1 * use twitter;
2 * CREATE TABLE User_Account (
3   user_sireal int AUTO_INCREMENT PRIMARY KEY NOT NULL,
4   User_ID varchar(50) NOT NULL,
5   User_name varchar(50) NOT NULL,
6   user_email varchar(50) NOT NULL,
7   user_passWord binary(64) NOT null,
8   Account_created_date date NOT NULL
9 );
10 * insert into user_Account ( User_ID,User_name,user_email,user_passWord,Account_created_date)
11 values ('@123456','Rahaf','Rahaf@xxxxxxxxxx', md5('2345678900'),now())
12 ,('@112233','LAMA','LAMA@xxxxxxxxxx', md5('2345678900'),now());
13 ,('@654321','SARA','SARA@xxxxxxxxxx', md5('2345678900'),now());
14 * select* from User_Account;
15

```

Result Grid

user_sireal	User_ID	User_name	user_email	user_passWord	Account_created_date
1	@123456	Rahaf	Rahaf@xxxxxxxxxx		2021-05-20
2	@112233	LAMA	LAMA@xxxxxxxxxx		2021-05-20
3	@654321	SARA	SARA@xxxxxxxxxx		2021-05-20

User_Account 2

Output

Action Output

Message

Object Info Session

Query Completed

55 13:44:24 insert into user_Account (User_ID,User_name,user_email,user_passWord,Account_created_date) values (@12... 3 rows) affected. 3 warnings: 1265 Data truncated for column 'Account_created_date'

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Administration Schemas

Information

Schema: twitter

```

1 * use twitter;
2 * CREATE TABLE PROFILE (
3   user_sireal int AUTO_INCREMENT PRIMARY KEY NOT NULL,
4   User_ID varchar(50) NOT NULL,
5   User_name varchar(255) NOT NULL,
6   user_BIO varchar(255) NOT NULL,
7   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
8 );
9
10 * insert into PROFILE (User_ID,User_name, user_BIO)
11 values('@123456','Rahaf','Welcome'),
12 ,('@112233','LAMA','Welcome'),
13 ,('@654321','SARA','Welcome');
14 * select* FROM PROFILE ;

```

Result Grid

user_sireal	User_ID	User_name	user_BIO
1	@123456	Rahaf	Welcome
2	@112233	LAMA	Welcome
3	@654321	SARA	Welcome

PROFILE 2

Output

Action Output

Message

Object Info Session

Query Completed

22 13:55:52 insert into PROFILE (User_ID,User_name,user_BIO) values(@123456,'Rahaf','Welcome'), (@112233,'LA... 3 rows) affected. Records: 3 Duplicates: 0 Warnings: 0

MySQL Workbench

Admin | root |

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1 SQL File 2'

```

1 * USE twitter;
2 * create table tweets (
3   user_id int PRIMARY KEY AUTO_INCREMENT NOT NULL,
4   Tweets_ID int not null,
5   User_ID varchar(10) not null,
6   User_name varchar(255) -- not null
7   Tweets_messag varchar(255),
8   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
9 );
10 * insert into tweets(Tweets_ID,user_ID,user_name,Tweets_messag)
11 values(1234,@123456,'Rahaf','HELLO');
12 * select * FROM tweets;

```

Administration Schemas

Schema: twitter

user_id	Tweets_ID	User_ID	User_name	Tweets_messag
1	1234	@123456	Rahaf	HELLO

Output

32 13:59:33 insert into tweets(Tweets_ID,user_ID,user_name,Tweets_messag) values(1234,@123456,'Rahaf','HELLO') 1 row(s) affected

Query Completed

MySQL Workbench

Admin | root |

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1 SQL File 2'

```

1 * USE twitter;
2 * create table following (
3   user_id int AUTO_INCREMENT PRIMARY KEY NOT NULL,
4   User_ID varchar(10) not null,
5   User_name varchar(255)NOT NULL,
6   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
7 );
8 * insert into FOLLOWING (user_ID,user_name)
9 values( @123456,'Rahaf'),
10 ('@112233','LAMA'),
11 ('@054321','SABA');
12 * SELECT * FROM FOLLOWING;

```

Administration Schemas

Schema: twitter

user_id	User_ID	User_name
1	@123456	Rahaf
2	@123456	Rahaf
3	@112233	LAMA
4	@054321	SABA

Output

41 14:20:19 insert into FOLLOWING (user_ID,user_name) values(@123456,'Rahaf'), ('@112233','LAMA'), ('@054321','SABA') 3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0

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Query 1 SQL File 2" SQL File 3" SQL File 4" SQL File 5" SQL File 6" SQL File 7"

```

1 * USE twitter;
2 * create table Retweets (
3   user_idreal int NOT NULL PRIMARY key AUTO_INCREMENT,
4   Tweets_ID int not null,
5   User_ID varchar (30) not null,
6   User_name varchar(255), -- not null
7   Tweets_messag varchar(255),
8   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
9 );
10
11 *
12 insert into Retweets(Tweets_ID, User_ID,User_name,Tweets_messag)
13 values('123456','@123456','Rahaf','Good morning'),
14 ('123456','@112233','LAMA','Good morning'),
15 ('123456','@654321','SABA','Good morning');
16 *
17 SELECT * FROM Retweets;

```

Result Grid

user_idreal	Tweets_ID	User_ID	User_name	Tweets_messag
1	123456	@123456	Rahaf	Good morning
2	123456	@112233	LAMA	Good morning
3	123456	@654321	SABA	Good morning
4	123456	@123456	Rahaf	Good morning
5	123456	@112233	LAMA	Good morning

Retweets 1 x

Output

Action Output

Time Action Message

Object Info Session

67 14:34:23 insert into Retweets(Tweets_ID, User_ID,User_name,Tweets_messag) values('123456','@123456','Rahaf','Good ... 3 rows affected Records 3 Duplicates 0 Warnings 0

MySQL Workbench

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Query 1 SQL File 2" SQL File 3" SQL File 4" SQL File 5" SQL File 6" SQL File 7"

```

1 * USE twitter;
2 * create table LIXES (
3   user_idreal int NOT NULL PRIMARY KEY AUTO_INCREMENT,
4   Tweets_ID int not null,
5   User_ID VARCHAR (30) not null,
6   User_name varchar(255) NOT NULL,
7   Tweets_messag varchar(255) NOT NULL,
8   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
9 );
10
11 *
12 insert into LIXES (Tweets_ID, User_ID,User_name,Tweets_messag)
13 values('123456','@123456','Rahaf','Good morning'),
14 ('123456','@112233','LAMA','Good morning'),
15 ('123456','@654321','SABA','Good morning');
16 *
17 select * FROM LIXES;

```

Result Grid

user_idreal	Tweets_ID	User_ID	User_name	Tweets_messag
1	123456	@123456	Rahaf	Good morning
2	123456	@112233	LAMA	Good morning
3	123456	@654321	SABA	Good morning

LIXES 1 x

Output

Action Output

Time Action Message

Object Info Session

67 14:34:23 insert into Retweets(Tweets_ID, User_ID,User_name,Tweets_messag) values('123456','@123456','Rahaf','Good ... 3 rows affected Records 3 Duplicates 0 Warnings 0

MySQL Workbench

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Query 1 SQL File 2" SQL File 3" SQL File 4" SQL File 5" SQL File 6" SQL File 7"

```

1 * USE twitter;
2 * create table follower (
3   user_idreal int PRIMARY KEY AUTO_INCREMENT NOT NULL ,
4   User_ID varchar (30) not null,
5   User_name varchar(255),
6   FOREIGN KEY user_ID (User_ID) REFERENCES User(User_ID)
7 );
8 *
9 insert into FOLLOWER (user_ID,User_name)
10 values( '@123456','Rahaf'),
11 ('@112233','LAMA'),
12 ('@654321','SABA');
13 *
14 SELECT * FROM FOLLOWER;

```

Result Grid

user_idreal	User_ID	User_name
1	@123456	Rahaf
2	@112233	LAMA
3	@654321	SABA
4	@123456	Rahaf
5	@112233	LAMA

FOLLOWER 1 x

Output

Action Output

Time Action Message

Object Info Session

67 14:34:23 insert into Retweets(Tweets_ID, User_ID,User_name,Tweets_messag) values('123456','@123456','Rahaf','Good ... 3 rows affected Records 3 Duplicates 0 Warnings 0

رابعاً: انشاء بروجيور نممر له بيانات المستخدم والملف الشخص

خامساً: انشاء بروجيور اسم المستخدم نفسه واسم المستخدم المراد متابعته

