



INSTAGRAM DATABASE

PREPARED BY
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SCHEMA

TABLE 6

LIKES	
LIKE_ID (PK, CHECKED)	N
USER_ID	
POST_ID	
REEL_ID	
CREATE_TIME	
UPDATE_TIME	

TABLE 5

COMMENT	
COMMENT_ID (PK, CHECKED)	N
USER_ID	
POST_ID	
REEL_ID	
CREATE_TIME	
UPDATE_TIME	

TABLE 7

SHARES	
SHARE_ID (PK, CHECKED)	N
USER_ID	
POST_ID	
REEL_ID	
CREATE_TIME	

TABLE 3

POSTS	
POST_ID (PK, CHECKED)	N
POSTNAME	
POSTLOCATION	
LIKE_ID (fk)	
COMMENT_ID (fk)	
SHARE_ID (fk)	
POST_VIEWS	
TAG	
TIMEPLACE	

TABLE 2

STORY	
STORY_ID (PK, CHECKED)	N
USER_ID	
PHOTOS	
VEDIOS	
HASHTAGS	
STORY_TIME	
STORY_VIEWS	
STORY_REACT	
STORY_SHARED	

TABLE 1

USER_IG	
USER_ID (PK, CHECKED)	
USER_NAME	
PHONE	
EMAIL	
PASSWORD	
FOLLOWER_ID (fk)	1
FOLLOWING_ID	1
STORY_ID (fk)	1
POST_ID(fk)	1
REEL_ID (fk)	1

TABLE 8

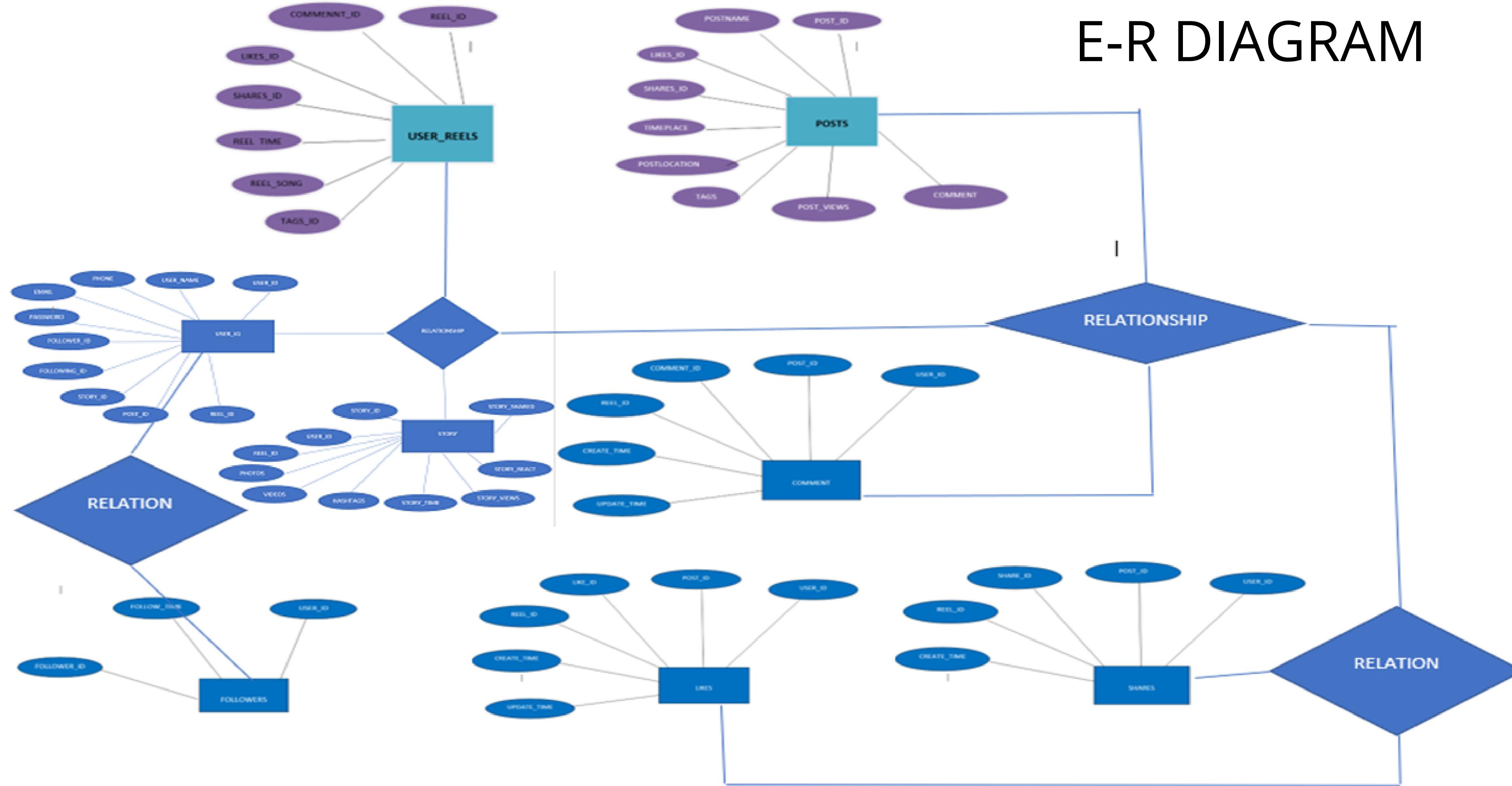
FOLLOWERS	
FOLLOWER_ID (PK, CHECKED)	N
USER_ID	
FOLLOW_TIME	

TABLE 4

USER_REELS	
REEL_ID (PK, CHECKED)	N
COMMENT_ID (fk)	
LIKE_ID (fk)	
SHARE_ID (fk)	
REEL_TIME	
REEL_SONG	
TAGS_ID	

E-R DIAGRAM OF INSTAGRAM

E-R DIAGRAM



CREATING DATABASE

CREATING DATABASE

COMMAND

CREATE DATABASE INSTAGRAM;

USING DATABASE

COMMAND

USE INSTAGRAM;

CREATING TABLES

- CREATING USER_IG TABLE
- CREATING STORY TABLE
- CREATING POSTS TABLE
- CREATING USER_REELS TABLES
- CREATING COMMENT TABLE
- CREATING LIKES TABLE
- CREATING SHARES TABLE
- CREATING FOLLOWERS TABLE

CREATING USER TABLE

```
CREATE TABLE USER_IG
(
    USER_ID INT PRIMARY KEY,
    USER_NAME VARCHAR(50),
    PHONE BIGINT,
    EMAIL VARCHAR(50),
    PASSWORD VARCHAR(50),
    FOLLOWER_ID INT,
    FOLLOWING_ID INT,
    STORY_ID INT,
    POST_ID INT,
    REEL_ID INT,
);
```

CREATE TABLE STORY

```
CREATE TABLE STORY(  
    STORY_ID INT PRIMARY KEY,  
    USER_ID INT,  
    PHOTOS VARCHAR(50),  
    VIDEOS VARCHAR(50),  
    HASHTAGS VARCHAR(50),  
    STORY_TIME DATETIME,  
    STORY_VIEWS INT,  
    STORY_REACT VARCHAR(100),  
    STORY_SHARED VARCHAR(50)  
);
```

CREATE TABLE POSTS

```
CREATE TABLE POSTS
(
    POST_ID INT PRIMARY KEY,
    POSTNAME VARCHAR(30),
    POSTLOCATION VARCHAR(100),
    LIKE_ID INT,
    COMMENT_ID INT,
    SHARE_ID INT,
    POST_VIEWS VARCHAR(100),
    TAG VARCHAR(30),
    TIMEPLACE TIME
);
```

CREATE TABLE USER_REELS

```
CREATE TABLE USER_REELS
(
    REEL_ID INT PRIMARY KEY,
    COMMENT_ID INT,
    LIKE_ID INT,
    REEL_TIME VARCHAR(20),
    REEL_SONG VARCHAR(20),
    TAGS_ID INT,
    SHARE_ID INT
);
```

CREATE TABLE COMMENT

```
CREATE TABLE COMMENT
(
    COMMENT_ID INT PRIMARY KEY,
    USER_ID INT,
    POST_ID INT,
    REEL_ID INT,
    CREATE_TIME TIME,
    UPDATE_TIME TIME
);
```

CREATE TABLE LIKES

```
CREATE TABLE LIKES
(
    LIKE_ID INT PRIMARY KEY,
    USER_ID INT,
    POST_ID INT,
    REEL_ID INT,
    CREATE_TIME TIME,
    UPDATE_TIME TIME
);
```

CREATE TABLE SHARES

```
CREATE TABLE SHARES
(
    SHARE_ID INT PRIMARY KEY,
    USER_ID INT,
    POST_ID INT,
    REEL_ID INT,
    CREATE_TIME TIME,
);
```

CREATE TABLE FOLLOWERS

```
CREATE TABLE FOLLOWERS
(
    FOLLOWER_ID INT PRIMARY KEY,
    USER_ID INT,
    FOLLOW_TIME TIME
);
```

ADDING CONSTRAINTS

- ADDING FOREIGN KEY CONSTRAINTS TO USER_IG
- COMMAND

--FOREIGN KEY FOR

```
ALTER TABLE USER_IGADD CONSTRAINT FK__POSTSFOREIGN  
KEY(POST_ID) REFERENCES POSTS(POST_ID);
```

- ADDING CHECKED AND PRIMARY KEY CONSTRAINT TO ALL TABLES
- COMMAND

```
ALTER TABLE USER_IG  
ADD CHECK(USER_ID LIKE '1%');
```

(IT WILL START ALL USER_ID IN USER_IG TABLE WITH 1 IN FIRST DIGIT)

INSERTING DATA

INSERTING DATA INTO TABLE

INSERTING DATA INTO USER TABLE

```
INSERT INTO USER_IG
VALUES(10,'POOJA',8547895845,'POOJA@GMAIL.COM','POOJA1234',8,9,2,3,4);
INSERT INTO USER_IG
VALUES(11,'PRATHYUSHA',9549895845,'PRATHYU@GMAIL.COM','PRATHYU1235',80,7,20,30,40);
INSERT INTO USER_IG
VALUES(12,'MOHAMMAD',8567895845,'MOHAMMAD@GMAIL.COM','MOHAMMAD234',81,3,21,31,41);
INSERT INTO USER_IG
VALUES(13,'LATHISH',8547995898,'LATHISH@GMAIL.COM','LATHISH6986',82,9,22,32,42);
INSERT INTO USER_IG
VALUES(14,'DIWAKAR',9547895647,'DIWAKAR@GMAIL.COM','DIWAKAR8690',83,6,23,33,43);
INSERT INTO USER_IG
VALUES(15,'ARJUN',9846865443,'ARJUN@GMAIL.COM','ARJUN3674',84,4,24,34,44);
```

INSERTING DATA INTO STORY TABLE

```
INSERT INTO STORY VALUES(2,10,'PHOTO1','VIDEO1','#NATURE','2021-04-12  
2:30:25',1000,'MESSAGE','POOJA');  
INSERT INTO STORY VALUES(20,11,'PHOTO2','VIDEO2','#FRIENDS FOR EVER','2021-05-  
10 2:30:25',1590,'GIF','PRATHYUSHA');  
INSERT INTO STORY VALUES(21,12,'PHOTO3','VIDEO3','#MOTIVATION','2021-03-15  
2:30:25',2000,'EMOJI','MOHAMMED');  
INSERT INTO STORY VALUES(22,13,'PHOTO4','VIDEO4','#STORY OF THE DAY','2021-02-  
09 2:30:25',1800,'GIF','LATHISH');  
INSERT INTO STORY VALUES(23,14,'PHOTO5','VIDEO5','#LIVE LIFE TO THE  
FULLEST','2021-01-08 2:30:25',5000,'EMOJI','DIWAKAR');  
INSERT INTO STORY VALUES(24,15,'PHOTO6','VIDEO6','#SELFIE TIME','2021-06-05  
2:30:25',4550,'MESSAGE','ARJUN');
```

INSERTING DATA INTO POSTS TABLE

```
INSERT INTO POSTS VALUES(3,'AAA','HYD',6,5,7,'VIEW1',007,'00:50');  
INSERT INTO POSTS VALUES(30,'ABC','DLR',60,50,70,'VIEW2',004,'3:50');  
INSERT INTO POSTS VALUES(31,'ACD','BLR',61,51,71,'VIEW3',008,'4:50');  
INSERT INTO POSTS VALUES(32,'BCD','DLI',62,52,72,'VIEW4',006,'2:30');  
INSERT INTO POSTS VALUES(33,'BCA','HYD',63,53,73,'VIEW4',005,'2:51');  
INSERT INTO POSTS VALUES(34,'XYZ','CNI',64,54,74,'VIEW5',009,'1:05');  
INSERT INTO POSTS VALUES(35,'AAZ','BLR',65,55,75,'VIEW6',010,'12:00');
```

INSERTING DATA INTO USER_REELS TABLE

```
INSERT INTO USER_REELS VALUES(4,5,6,'12:05','MARJAWAAN',006,7);
INSERT INTO USER_REELS VALUES(40,50,60,'17:42','KALLAN KALLAN', NULL,70);
INSERT INTO USER_REELS VALUES(41,51,61,'11:10','MAHUA', NULL,71);
INSERT INTO USER_REELS VALUES(42,52,62,'5:12','AUSTRONAUT', NULL,72);
INSERT INTO USER_REELS VALUES(43,53,63,'6:42','DIRMIS', NULL,73);
INSERT INTO USER_REELS VALUES(44,54,64,'7:35','BABY', NULL,74);
INSERT INTO USER_REELS VALUES(45,55,65,'19:42','MY BABY', NULL,75);
```

INSERTING DATA INTO COMMENT TABLE

```
INSERT INTO COMMENT VALUES(5,1,3,4,'12:05', '12:50');  
INSERT INTO COMMENT VALUES(50,10,30,40,'7:42', NULL);  
INSERT INTO COMMENT VALUES(51,11,31,41,'11:30', NULL);  
INSERT INTO COMMENT VALUES(52,12,32,42,'2:20', NULL);  
INSERT INTO COMMENT VALUES(53,13,33,43,'4:40', NULL);  
INSERT INTO COMMENT VALUES(54,14,34,44,'3:50', NULL);  
INSERT INTO COMMENT VALUES(55,15,35,45,'6:21', NULL);
```

INSERTING DATA INTO LIKES TABLE

```
INSERT INTO LIKES VALUES(6,1,3,4,'12:05', '12:50');  
INSERT INTO LIKES VALUES(60,10,30,40,'7:42', NULL);  
INSERT INTO LIKES VALUES(61,11,31,41,'11:30', NULL);  
INSERT INTO LIKES VALUES(62,12,32,42,'2:20', NULL);  
INSERT INTO LIKES VALUES(63,13,33,43,'4:40', NULL);  
INSERT INTO LIKES VALUES(64,14,34,44,'3:50', NULL);  
INSERT INTO LIKES VALUES(65,15,35,45,'6:21', NULL);
```

INSERTING DATA INTO SHARES TABLE

```
INSERT INTO SHARES VALUES(7,1,3,4,'12:05');  
INSERT INTO SHARES VALUES(70,10,30,40,'7:42');  
INSERT INTO SHARES VALUES(71,11,31,41,'11:30');  
INSERT INTO SHARES VALUES(72,12,32,42,'2:20');  
INSERT INTO SHARES VALUES(73,13,33,43,'4:40');  
INSERT INTO SHARES VALUES(74,14,34,44,'3:50');  
INSERT INTO SHARES VALUES(75,15,35,45,'6:21');
```

INSERTING DATA INTO FOLLOWERS TABLE

```
INSERT INTO FOLLOWERS VALUES(8,1,'10:06');  
INSERT INTO FOLLOWERS VALUES(80,10,'9:52');  
INSERT INTO FOLLOWERS VALUES(81,11,'10:35');  
INSERT INTO FOLLOWERS VALUES(82,12,'12:20');  
INSERT INTO FOLLOWERS VALUES(83,13,'14:40');  
INSERT INTO FOLLOWERS VALUES(84,14,'13:50');  
INSERT INTO FOLLOWERS VALUES(85,15,'08:21');
```

QUERIES

QUERIES BY DIVAKAR

1. QUERY TO REELID,REEL SONG,COMMENTID,USERNAME,WHOSE PHONE NUMBER STARTS WITH 9

```
SELECT UR.REEL_ID,UR.REEL_SONG,C.COMMENT_ID,C.CREATE_TIME,U.USER_ID,U.PHONE,U.PASSWORD  
FROM USER_REELS UR,COMMENT C,USER_IG U  
WHERE UR.REEL_ID = U.REEL_ID AND UR.REEL_ID=C.REEL_ID AND U.PHONE LIKE '9%' AND UR.REEL_SONG ='BABY';
```

OUTPUT

The screenshot shows a SQL query being run in a database environment. The query is:

```
SELECT UR.REEL_ID,UR.REEL_SONG,C.COMMENT_ID,C.CREATE_TIME,U.USER_ID,U.PHONE,U.PASSWORD  
FROM USER_REELS UR,COMMENT C,USER_IG U  
WHERE UR.REEL_ID = U.REEL_ID AND UR.REEL_ID=C.REEL_ID AND U.PHONE LIKE '9%' AND UR.REEL_SONG ='BABY';
```

The results pane displays the following data:

	REEL_ID	REEL_SONG	COMMENT_ID	CREATE_TIME	USER_ID	PHONE	PASSWORD
1	44	BABY	54	03:50:00.0000000	15	9846865443	ARJUN3674

2. QUERY TOP 3 RECORDS,USERNAME,EMAIL,REEL LIKES AND WHO ARE CREATE THE COMMENT AT 3:50 TO 7:40 AND WHOSE UPDATE TIME IS NULL AND ASC ORDER

```
SELECT U.REEL_ID, U.USER_NAME, U.EMAIL, UR.REEL_ID, C.COMMENT_ID, C.REEL_ID  
FROM USER_IG U, USER_REELS UR, COMMENT C  
WHERE U.REEL_ID = UR.REEL_ID AND UR.REEL_ID = C.REEL_ID AND C.CREATE_TIME BETWEEN '3:50' AND '7:50'  
AND C.UPDATE_TIME IS NULL  
ORDER BY U.USER_NAME ASC;
```

OUTPUT

The screenshot shows a SQL query results window with tabs for T-SQL, Results, and Message. The Results tab is selected, displaying a table with seven columns: REEL_ID, USER_NAME, EMAIL, REEL_ID, COMMENT_ID, and REEL_ID. The data is as follows:

	REEL_ID	USER_NAME	EMAIL	REEL_ID	COMMENT_ID	REEL_ID
1	44	ARJUN	ARJUN@GMAIL.COM	44	54	44
2	43	DIWAKAR	DIWAKAR@GMAIL.COM	43	53	43
3	40	PRATHYUSHA	PRATHYU@GMAIL.COM	40	50	40

3. QUERY REEL ID,REEL SONG, COMMENT POST ID , WHICH TAGS ID'S IS NULL AND THE USERNAME CONTAINS AR IN THEIR NAMES

```
SELECT UR.REEL_ID, UR.REEL_SONG, UR.TAGS_ID, C.COMMENT_ID, U.USER_NAME  
FROM USER_REELS UR  
INNER JOIN USER_IG U ON UR.REEL_ID = U.REEL_ID  
INNER JOIN COMMENT C ON UR.REEL_ID = C.REEL_ID WHERE U.USER_NAME LIKE '%AR%' AND  
UR.TAGS_ID IS NULL;
```

OUTPUT

	REEL_ID	REEL_SONG	TAGS_ID	COMMENT_ID	USER_NAME
1	43	DIRMIS	NULL	53	DIWAKAR
2	44	BABY	NULL	54	ARJUN

4. QUERY USER NAME,FOLLOWER ID,REELID AND WHOSE FOLLOWER ID IS MORE THAN 20 AND THAT USERNAME ARE DISPLAYED IN ASC ORDER

```
SELECT U.USER_NAME,U.FOLLOWER_ID,UR.REEL_ID FROM USER_IG U RIGHT JOIN USER_REELS UR ON U.REEL_ID = UR.REEL_ID WHERE U.FOLLOWER_ID > 20 ORDER BY U.USER_NAME ASC;
```

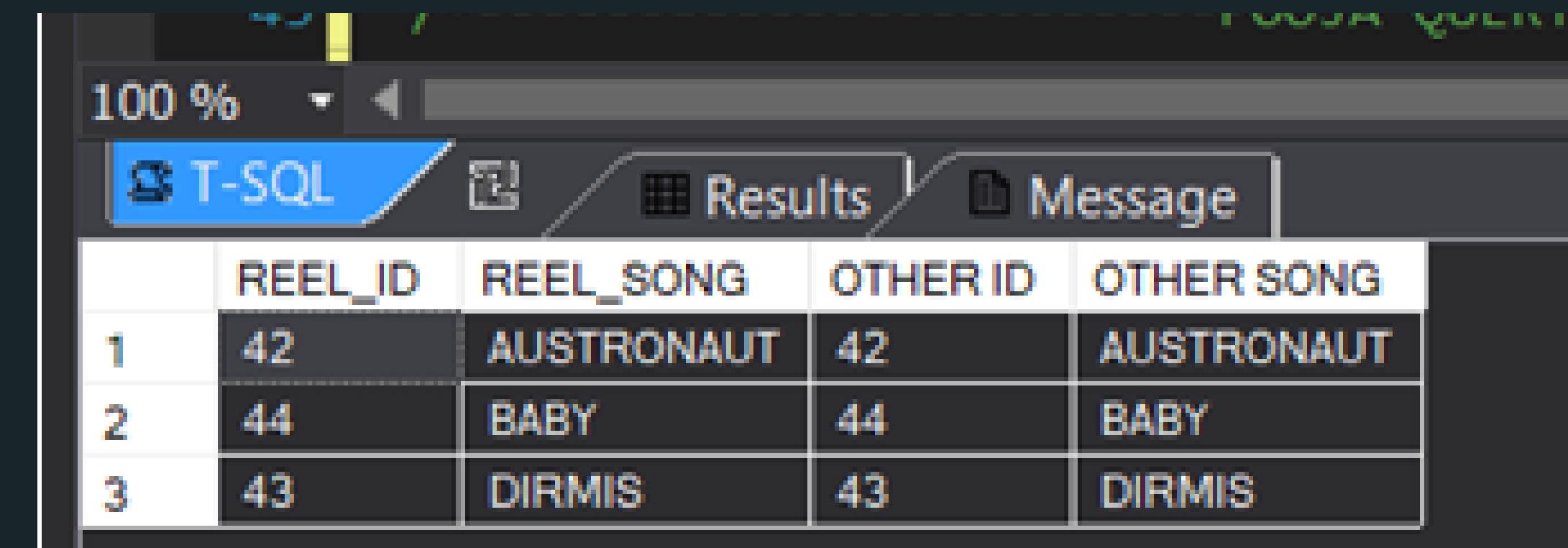
OUTPUT

	USER_NAME	FOLLOWER_ID	REEL_ID
1	ARJUN	84	44
2	DIWAKAR	83	43
3	LATHISH	82	42
4	MOHAMMAD	81	41
5	PRATHYUSHA	80	40

5. QUERY THE TOP 3 RECORDS,REEL ID ,REEL SONG,OTHER ID,OTHER SONG AND WHICH IS ENDS WITH S

```
SELECT TOP 3 A.REEL_ID,A.REEL_SONG,B.REEL_ID AS "OTHER ID",B.REEL_SONG AS "OTHER SONG" FROM USER_REELS A,USER_REELS B WHERE A.REEL_ID = B.REEL_ID ORDER BY B.REEL_SONG ;
```

OUTPUT



The screenshot shows a SQL query results window with a dark theme. The top bar includes a zoom level of 100%, a back arrow, and tabs for T-SQL, Results (which is selected), and Message. The results table has four columns: REEL_ID, REEL_SONG, OTHER_ID, and OTHER_SONG. The data is as follows:

	REEL_ID	REEL_SONG	OTHER ID	OTHER SONG
1	42	AUSTRONAUT	42	AUSTRONAUT
2	44	BABY	44	BABY
3	43	DIRMIS	43	DIRMIS

QUERIES BY POOJA PATIL

1. SELECT C.COMMENT_ID, P.POST_ID, UR.REEL_SONG, C.POST_ID, S.SHARE_ID, UR.SHARE_ID, U.USER_NAME FROM COMMENT C,POSTS P,USER_REELS UR,SHARES S,USER_IG U WHERE P.POST_ID=C.POST_ID AND S.SHARE_ID=UR.SHARE_ID AND U.USER_NAME= 'POOJA';

OUTPUT

COMMENT_ID	POST_ID	REEL_SONG	POST_ID	SHARE_ID	SHARE_ID	USER_NAME
5	3	MARJAWAAN	3	7	7	POOJA
5	3	KALLAN KALLAN	3	70	70	POOJA
5	3	MAHUA	3	71	71	POOJA
5	3	AUSTRONAUT	3	72	72	POOJA
5	3	DIRMIS	3	73	73	POOJA
5	3	BABY	3	74	74	POOJA
5	3	MY BABY	3	75	75	POOJA
50	30	MARJAWAAN	30	7	7	POOJA
50	30	KALLAN KALLAN	30	70	70	POOJA
50	30	MAHUA	30	71	71	POOJA
50	30	AUSTRONAUT	30	72	72	POOJA
50	30	DIRMIS	30	73	73	POOJA
50	30	BABY	30	74	74	POOJA
50	30	MY BABY	30	75	75	POOJA

2. SELECT USER_ID,USER_NAME FROM USER_IG WHERE FOLLOWER_ID IN(SELECT FOLLOWER_ID FROM FOLLOWERS WHERE FOLLOWER_ID > 6 AND FOLLOWER_ID < 50);

OUTPUT

	USER_ID	USER_NAME
1	10	POOJA

3. SELECT REEL_TIME,REEL_SONG,POST_ID FROM USER_REELS UR RIGHT OUTER JOIN COMMENT ON UR.REEL_ID = COMMENT.REEL_ID;

OUTPUT

	REEL_TIME	REEL_SONG	POST_ID
1	12:05	MARJAWAAN	3
2	17:42	KALLAN KALLAN	30
3	11:10	MAHUA	31
4	5:12	ASTRONAUT	32
5	6:42	DIRMIS	33
6	7:35	BABY	34
7	19:42	MY BABY	35

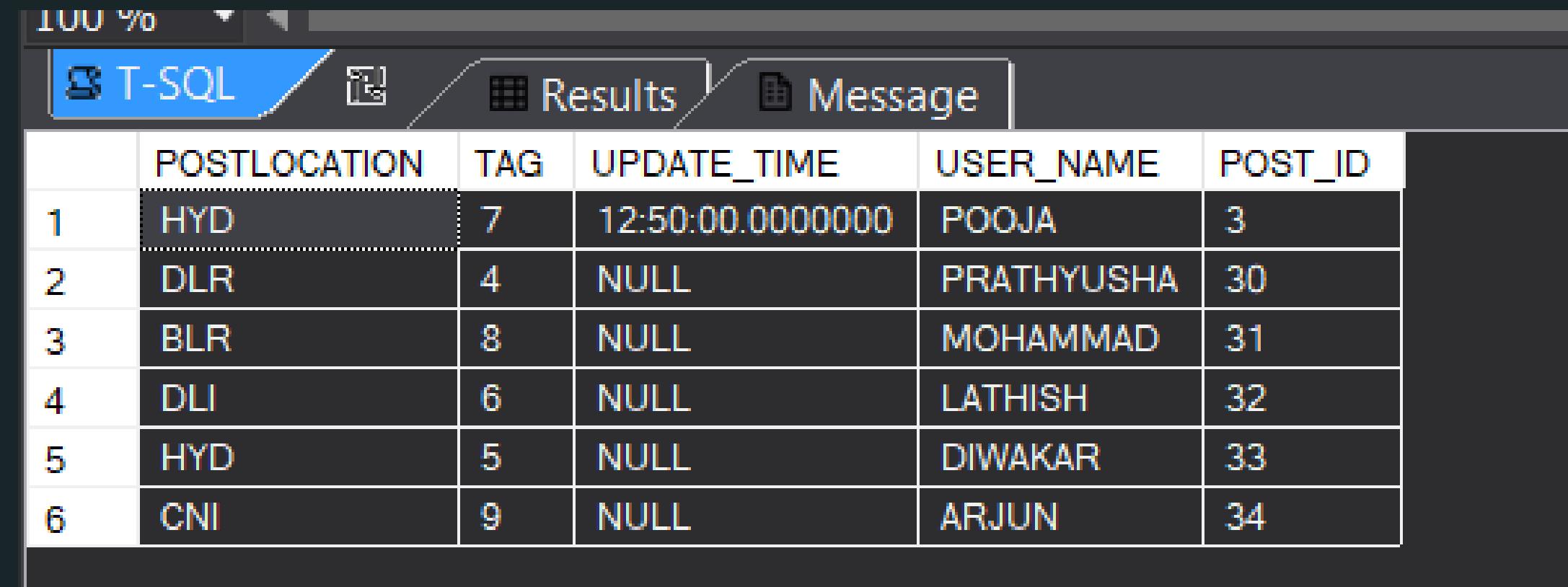
4. SELECT POSTLOCATION,TAG,UPDATE_TIME,USER_NAME FROM POSTS P INNER JOIN USER_IG U ON P.POST_ID = U.POST_ID INNER JOIN COMMENT C ON C.POST_ID = P.POST_ID;

OUTPUT

	POSTLOCATION	TAG	UPDATE_TIME	USER_NAME
1	HYD	7	12:50:00.0000000	POOJA
2	DLR	4	NULL	PRATHYUSHA
3	BLR	8	NULL	MOHAMMAD
4	DU	6	NULL	LATHISH
5	HYD	5	NULL	OMWAKAR
6	CNI	9	NULL	ARJUN

```
5. SELECT POSTLOCATION,TAG,UPDATE_TIME,USER_NAME,P.POST_ID  
FROM POSTS P INNER JOIN USER_IG U  
ON U.POST_ID = P.POST_ID  
INNER JOIN COMMENT C  
ON C.POST_ID = P.POST_ID;
```

OUTPUT



	POSTLOCATION	TAG	UPDATE_TIME	USER_NAME	POST_ID
1	HYD	7	12:50:00.0000000	POOJA	3
2	DLR	4	NULL	PRATHYUSHA	30
3	BLR	8	NULL	MOHAMMAD	31
4	DLI	6	NULL	LATHISH	32
5	HYD	5	NULL	DIWAKAR	33
6	CNI	9	NULL	ARJUN	34

QUERIES FOR PRATHYUSHA

Q1. SELECT U.USER_NAME,U.EMAIL,S.STORY_ID,S.PHOTOS,S.STORY_TIME,S.STORY_VIEWS
FROM STORY S,USER_IG U WHERE U.USER_ID=S.USER_ID;

OUTPUT

	USER_NAME	EMAIL	STORY_ID	PHOTOS	STORY_TIME	STORY_VIEWS
1	POOJA	POOJA@GMAIL.COM	2	PHOTO1	2021-04-12 02:30:25.000	1000
2	PRATHYUSHA	PRATHYU@GMAIL.COM	20	PHOTO2	2021-05-10 02:30:25.000	1590
3	MOHAMMAD	MOHAMMAD@GMAIL.COM	21	PHOTO3	2021-03-15 02:30:25.000	2000
4	LATHISH	LATHISH@GMAIL.COM	22	PHOTO4	2021-02-09 02:30:25.000	1800
5	DIWAKAR	DIWAKAR@GMAIL.COM	23	PHOTO5	2021-01-08 02:30:25.000	5000
6	ARJUN	ARJUN@GMAIL.COM	24	PHOTO6	2021-06-05 02:30:25.000	4550

Q2. SELECT POST_ID,POSTNAME,POSTLOCATION FROM POSTS WHERE EXISTS(SELECT * FROM SHARES
WHERE SHARES.POST_ID=POSTS.POST_ID AND SHARES.POST_ID >=30 AND POSTLOCATION LIKE 'L%');

OUTPUT

T-SQL	Results	Message
POST_ID	POSTNAME	POSTLOCATION

Q3. SELECT UR.REEL_ID, UR.REEL_TIME, F.FOLLOWER_ID, F.FOLLOW_TIME, U.USER_NAME, U.PHONE, C.COMMENT_ID, C.USER_ID FROM USER_REELS UR, FOLLOWERS F, USER_IG U, COMMENT C WHERE F.FOLLOWER_ID=U.FOLLOWER_ID AND UR.COMMENT_ID=C.COMMENT_ID AND U.PHONE LIKE '%5' AND UR.REEL_TIME='11:10' AND F.FOLLOWER_ID=80;

OUTPUT

REEL_ID	REEL_TIME	FOLLOWER_ID	FOLLOW_TIME	USER_NAME	PHONE	COMMENT_ID	USER_ID
41	11:10	80	09:52:00.0000000	PRATHYUSHA	9549895845	51	11

Q4. SELECT PHOTOS, VEDIOS, HASHTAGS, STORY_TIME, STORY.Views, STORY.Shared, STORY.React FROM STORY WHERE STORY_Time >= '2021-02-01 00:00:00' AND STORY_Time <= '2021-06-12 02:30:25' AND STORY.Views >='1600' ORDER BY HASHTAGS ASC;

OUTPUT

	PHOTOS	VEDIOS	HASHTAGS	STORY_TIME	STORY.Views	STORY.Shared	STORY.React
1	PHOTO3	VEDIO3	#MOTIVATION	2021-03-15 02:30:25.000	2000	MOHAMMED	EMOJI
2	PHOTO6	VEDIO6	#SELFIE TIME	2021-06-05 02:30:25.000	4550	ARJUN	MESSAGE
3	PHOTO4	VEDIO4	#STORY OF THE DAY	2021-02-09 02:30:25.000	1800	LATHISH	GIF

Q5. SELECT U.USER_NAME, U.PHONE, F.FOLLOWER_ID, C.COMMENT_ID, UR.REEL_ID, UR.REEL_SONG, UR.COMMENT_ID
 FROM USER_IG U,FOLLOWERS F,COMMENT C,USER_REELS UR
 WHERE F.FOLLOWER_ID=U.FOLLOWER_ID AND C.COMMENT_ID=UR.COMMENT_ID AND UR.REEL_ID < '42' AND
 U.USER_NAME LIKE 'A%' AND F.FOLLOWER_ID=84 AND UR.REEL_SONG='KALLAN KALLAN';

OUTPUT

	USER_NAME	PHONE	FOLLOWER_ID	COMMENT_ID	REEL_ID	REEL_SONG	COMMENT_ID
1	ARJUN	9846865443	84	50	40	KALLAN KALLAN	50

Q6. SELECT S.STORY_ID, S.USER_ID, S.VEDIOS, S.HASHTAGS, L.CREATE_TIME,
 L.UPDATE_TIME, L.LIKE_ID FROM STORY S RIGHT JOIN LIKES L ON S.USER_ID=L.USER_ID ;

OUTPUT

	STORY_ID	USER_ID	VEDIOS	HASHTAGS	CREATE_TIME	UPDATE_TIME	LIKE_ID
1	NULL	NULL	NULL	NULL	12:05:00.0000000	12:50:00.0000000	6
2	2	10	VEDIO1	#NATURE	07:42:00.0000000	NULL	60
3	20	11	VEDIO2	#FRIENDS FOR EVER	11:30:00.0000000	NULL	61
4	21	12	VEDIO3	#MOTIVATION	02:20:00.0000000	NULL	62
5	22	13	VEDIO4	#STORY OF THE DAY	04:40:00.0000000	NULL	63
6	23	14	VEDIO5	#LIVE LIFE TO THE FULLEST	03:50:00.0000000	NULL	64
7	24	15	VEDIO6	#SELFIE TIME	06:21:00.0000000	NULL	65

QUERIES BY MOHD. TALHA

Q1. POSTS LIKED BY MOHAMMAD'S FOLLOWERS

```
SELECT U.USER_NAME,L.CREATE_TIME,P.POSTNAME FROM USER_IG U,LIKES L,POSTS P,FOLLOWERS  
WHERE P.POST_ID=L.POST_ID AND FOLLOWERS.FOLLOWER_ID=U.FOLLOWER_ID AND  
U.USER_NAME='MOHAMMAD';
```

OUTPUT

	USER_NAME	CREATE_TIME	POSTNAME
1	MOHAMMAD	12:05:00.0000000	AAA
2	MOHAMMAD	07:42:00.0000000	ABC
3	MOHAMMAD	11:30:00.0000000	ACD
4	MOHAMMAD	02:20:00.0000000	BCD
5	MOHAMMAD	04:40:00.0000000	BCA
6	MOHAMMAD	03:50:00.0000000	XYZ
7	MOHAMMAD	06:21:00.0000000	AAZ

Q2. USERNAME WHO LIKES AND COMMENTS REEL SONGS

```
SELECT U.USER_NAME,R.REEL_SONG,L.CREATE_TIME,C.CREATE_TIME FROM USER_IG U,  
USER_REELS R INNER JOIN LIKES L ON L.LIKE_ID=R.LIKE_ID INNER JOIN COMMENT C ON  
C.COMMENT_ID=R.COMMENT_ID WHERE U.REEL_ID=R.REEL_ID;
```

OUTPUT

	USER_NAME	REEL_SONG	CREATE_TIME	CREATE_TIME	
1	POOJA	MARJAWAAN	12:05:00.0000000	12:05:00.0000000	
2	PRATHYUSHA	KALLAN KALLAN	07:42:00.0000000	07:42:00.0000000	
3	MOHAMMAD	MAHUA	11:30:00.0000000	11:30:00.0000000	
4	LATHISH	ASTRONAUT	02:20:00.0000000	02:20:00.0000000	
5	DIWAKAR	DIRMIS	04:40:00.0000000	04:40:00.0000000	
6	ARJUN	BABY	03:50:00.0000000	03:50:00.0000000	

Q3. USER POST LOCATION WITH SHARE AND COMMENT

```
SELECT U.USER_NAME, P.POSTLOCATION,C.CREATE_TIME,S.CREATE_TIME FROM USER_IG U,POSTS P,COMMENT C,SHARES S WHERE S.SHARE_ID=P.SHARE_ID AND P.COMMENT_ID=C.COMMENT_ID AND P.POST_ID=U.POST_ID  
ORDER BY USER_NAME;
```

OUTPUT

	USER_NAME	POSTLOCATION	CREATE_TIME	CREATE_TIME	
1	ARJUN	CNI	03:50:00.0000000	03:50:00.0000000	
2	DIWAKAR	HYD	04:40:00.0000000	04:40:00.0000000	
3	LATHISH	DLI	02:20:00.0000000	02:20:00.0000000	
4	MOHAMMAD	BLR	11:30:00.0000000	11:30:00.0000000	
5	POOJA	HYD	12:05:00.0000000	12:05:00.0000000	
6	PRATHYUSHA	DLR	07:42:00.0000000	07:42:00.0000000	

Q4. USER EMAIL, PASSWORD, PHONE WHO HAVE MOST FOLLOWERS

```
SELECT U.EMAIL,U.PASSWORD, U.PHONE FROM USER_IG U FULL JOIN FOLLOWERS F ON  
F.USER_ID=U.USER_ID;
```

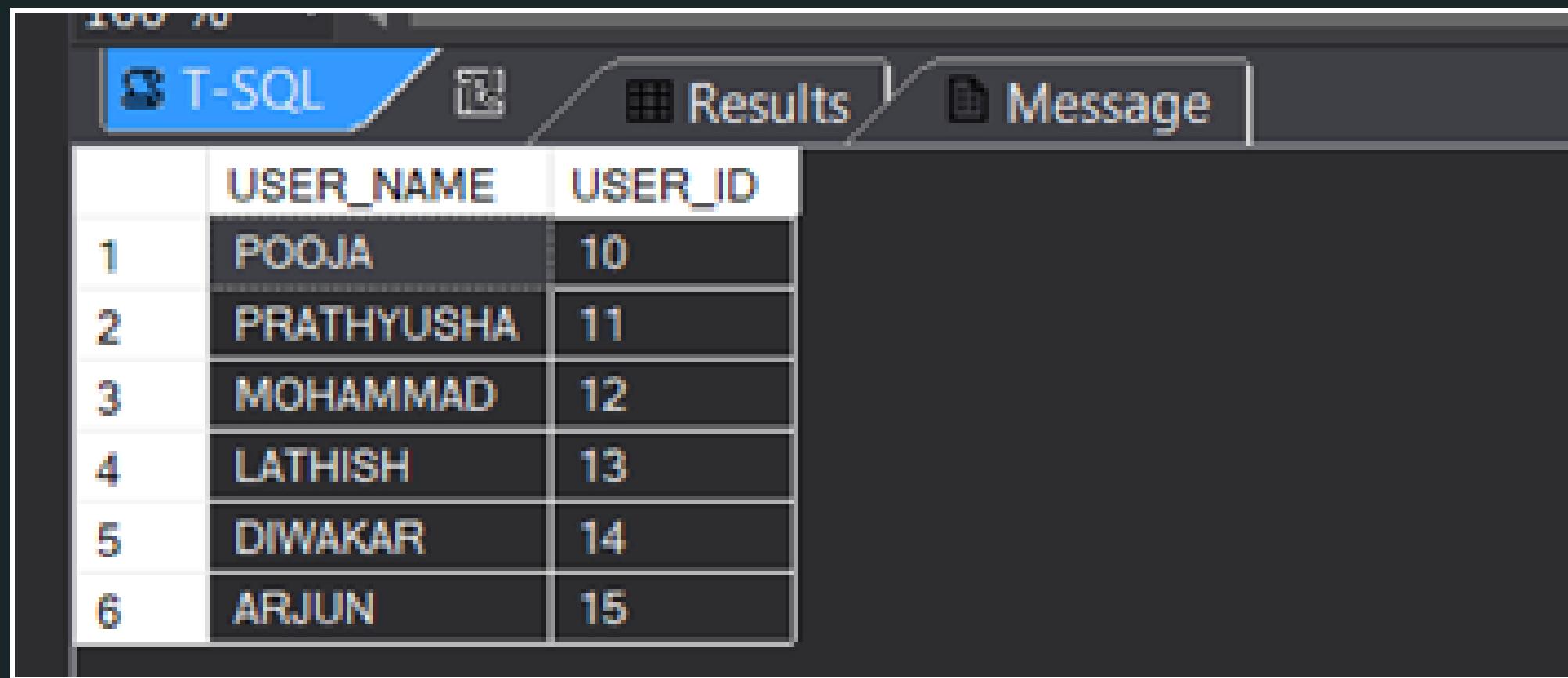
OUTPUT

	EMAIL	PASSWORD	PHONE
1	POOJA@GMAIL.COM	POOJA1234	8547895845
2	PRATHYU@GMAIL.COM	PRATHYU1235	9549895845
3	MOHAMMAD@GMAIL.COM	MOHAMMAD234	8567895845
4	LATHISH@GMAIL.COM	LATHISH6986	8547995898
5	DIWAKAR@GMAIL.COM	DIWAKAR8690	9547895647
6	ARJUN@GMAIL.COM	ARJUN3674	9846865443
7	NULL	NULL	NULL

Q5. USER NAME, USER_ID, WHO HAVE POSTS AND REELS LIKED BY FOLLOWERS

```
SELECT U.USER_NAME, U.USER_ID FROM POSTS P,USER_REELS R,LIKES L,USER_IG U  
LEFT JOIN FOLLOWERS F ON F.USER_ID=U.USER_ID WHERE U.POST_ID=P.POST_ID AND  
L.POST_ID=P.POST_ID AND L.REEL_ID=R.REEL_ID;
```

OUTPUT



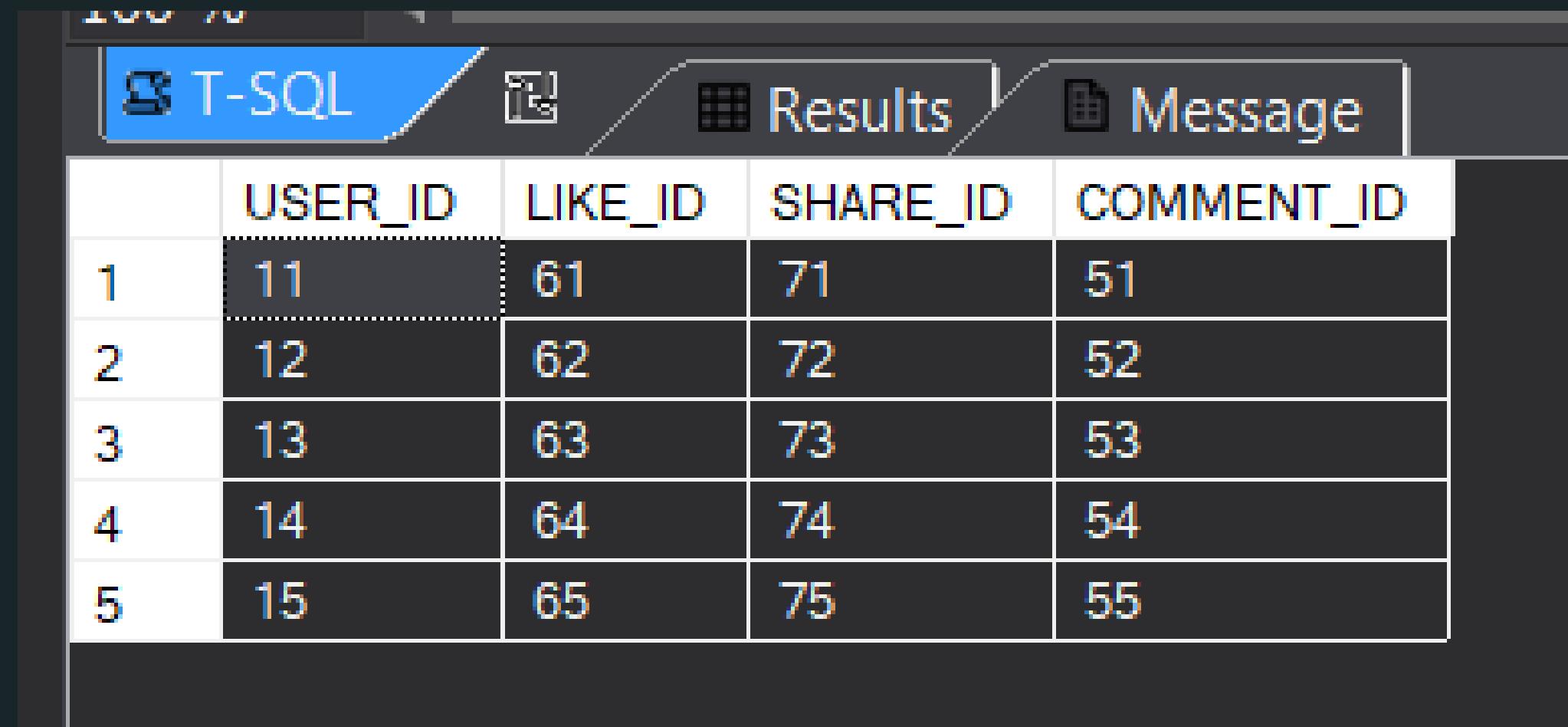
The screenshot shows a SQL query results window with a dark theme. The top navigation bar includes tabs for 'T-SQL' (which is selected), 'Results' (highlighted in blue), and 'Message'. The results grid has two columns: 'USER_NAME' and 'USER_ID'. The data is presented in six rows, each containing a number from 1 to 6 followed by a user name and their corresponding user ID.

	USER_NAME	USER_ID
1	POOJA	10
2	PRATHYUSHA	11
3	MOHAMMAD	12
4	LATHISH	13
5	DIWAKAR	14
6	ARJUN	15

QUERIES FOR LATHISH

1. SELECT USER_IG.USER_ID,LIKES.LIKE_ID,SHARES.SHARE_ID,COMMENT.COMMENT_ID FROM (((LIKES FULL JOIN USER_IG ON LIKES.USER_ID = USER_IG.USER_ID)FULL JOIN SHARES ON USER_IG.USER_ID=SHARES.USER_ID)FULL JOIN COMMENT ON USER_IG.USER_ID=COMMENT.USER_ID) WHERE FOLLOWER_ID>50 AND FOLLOWER_ID<85

OUTPUT



The screenshot shows a SQL query results window with three tabs: T-SQL, Results (selected), and Message. The Results tab displays a table with five rows of data. The columns are labeled: USER_ID, LIKE_ID, SHARE_ID, and COMMENT_ID. The data is as follows:

	USER_ID	LIKE_ID	SHARE_ID	COMMENT_ID
1	11	61	71	51
2	12	62	72	52
3	13	63	73	53
4	14	64	74	54
5	15	65	75	55

2. SELECT USER_IG.USER_ID, LIKES.LIKE_ID, SHARES.SHARE_ID, COMMENT.COMMENT_ID, USER_IG.PHONE, USER_IG.REEL_ID FROM (((LIKES RIGHT JOIN USER_IG ON LIKES.USER_ID = USER_IG.USER_ID)RIGHT JOIN SHARES ON USER_IG.USER_ID=SHARES.USER_ID)RIGHT JOIN COMMENT ON USER_IG.USER_ID=COMMENT.USER_ID)WHERE USER_IG.PHONE LIKE '8%'AND USER_IG.REEL_ID LIKE '4%'

OUTPUT

	USER_ID	LIKE_ID	SHARE_ID	COMMENT_ID	PHONE	REEL_ID
1	10	60	70	50	8547895845	4
2	12	62	72	52	8567895845	41
3	13	63	73	53	8547995898	42

3. SELECT USER_REELS.REEL_ID, LIKES.LIKE_ID, SHARES.SHARE_ID, COMMENT.COMMENT_ID, USER_REELS.REEL_TIME, USER_REELS.REEL_SONG FROM (((LIKES LEFT JOIN USER_REELS ON LIKES.REEL_ID = USER_REELS.REEL_ID)LEFT JOIN SHARES ON USER_REELS.REEL_ID=SHARES.REEL_ID)LEFT JOIN COMMENT ON USER_REELS.REEL_ID=COMMENT.REEL_ID) WHERE USER_REELS.REEL_TIME BETWEEN '11:10' AND '19:42'

OUTPUT

	REEL_ID	LIKE_ID	SHARE_ID	COMMENT_ID	REEL_TIME	REEL_SONG
1	4	6	7	5	12:05	MARJAWAAN
2	40	60	70	50	17:42	KALLAN KALLAN
3	41	61	71	51	11:10	MAHUA
4	45	65	75	55	19:42	MY BABY

4. SELECT C.USER_ID,C.POST_ID,UR.REEL_ID,UR.COMMENT_ID,UR.REEL_SONG,UR.REEL_TIME
FROM COMMENT C,USER_REELS UR
WHERE C.CREATE_TIME=UR.REEL_TIME;

OUTPUT

	USER_ID	POST_ID	REEL_ID	COMMENT_ID	REEL_SONG	REEL_TIME
1	1	3	4	5	MARJAWAAN	12:05

5. SELECT USER_ID,USER_NAME FROM USER_IG
WHERE POST_ID IN(SELECT POST_ID FROM SHARES
WHERE POST_ID > 32 AND POST_ID < 35);

OUTPUT

	USER_ID	USER_NAME
1	14	DIWAKAR
2	15	ARJUN

OUR TEAM



POOJA PATIL
Associate Engg. Virtusa



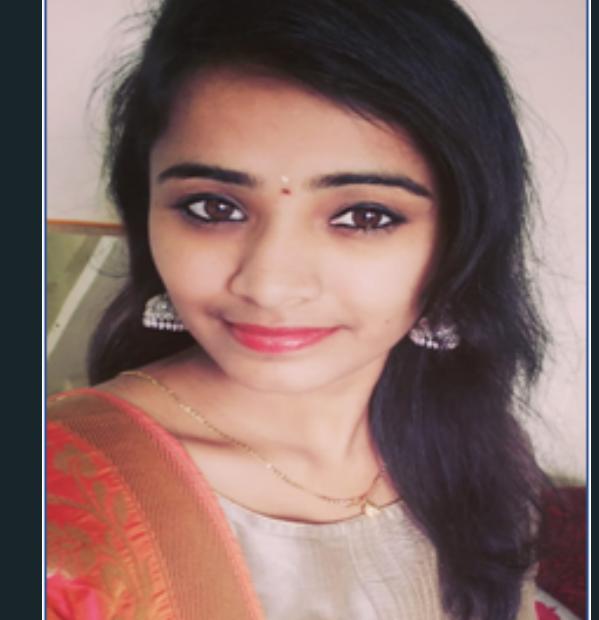
LATHISH KUMAR
Associate Engg. Virtusa



DASARAPALLI DIVAKAR
Associate Engg. Virtusa



MOHD. TALHA
Associate Engg. Virtusa



PRATHYUSHA ANUMULA
Associate Engg. Virtusa

THANK YOU!!!!