**(135) – Personal Diary Application**

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**create table USERS**

**(**

**username varchar(10) not null,**

**email varchar(30) primary key,**

**password varchar(10) not null,**

**birth\_date DATE not null**

**);**

**create table DIARY\_POST**

**(**

**Diary\_id NUMBER(15) primary key,**

**Diary\_Title varchar(30),**

**Diary\_Content varchar(1000) not null,**

**diary\_date DATE not null,**

**event\_location varchar(50),**

**feeling varchar(20) not null,**

**user\_email varchar(30) references USERS (email)**

**);**

**create table FRIENDS**

**(**

**friend\_email varchar(30)references USERS(email) ,**

**user\_email varchar(30) references USERS(email) ,**

**primary key(friend\_email ,user\_email)**

**);**

**create table TAG\_FRIENDS**

**(**

**friend\_mail varchar(30),**

**user\_mail varchar(30),**

**constraint friendship foreign key (friend\_mail, user\_mail) references FRIENDS (friend\_email , user\_email),**

**taggedDiary\_ID number(15) references DIARY\_POST(Diary\_id),**

**primary key(friend\_mail, user\_mail, taggedDiary\_ID)**

**);**

**insert into USERS values ('Zainab','zainab@gmail.com','123456','17-OCT-2002');**

**insert into USERS values ('Batoul','batoul@gmail.com','123456','20-OCT-2012');**

**insert into USERS values ('Rofaida','rofaida@gmail.com','123456','23-OCT-2001');**

**insert into USERS values ('Mariam','mariem@gmail.com','123456','16-OCT-2002');**

**insert into USERS values ('Nosipa','nosipa@gmail.com','123456','28-OCT-2003');**

**insert into USERS values ('Tasneem','tasneem@gmail.com','123456','28-OCT-2005');**

**insert into USERS values ('Yara','yara@gmail.com','123456','28-OCT-2006');**

**insert into USERS values ('Menna','menna@gmail.com','123456','11-OCT-2002');**

**insert into USERS values ('Bila','bila@gmail.com','123456','21-OCT-1999');**

**insert into diary\_post values (1,'My Birthday', 'My best friend gave me a special present','28-OCT-2022','Cairo','happy','batoul@gmail.com');**

**insert into diary\_post values (2,'Special Day with my mother', 'I travel to Alex with my mother','21-Jun-2022','Alex','Excited','batoul@gmail.com');**

**insert into diary\_post values (3,'A day at the beach', 'I travelled to Alex. I met my friend Zainab and we built a sand castle together','13-Apr-2018','Alex','happy','rofaida@gmail.com');**

**insert into diary\_post values (4,'A day in the countryside', 'I went to Banha with family and I was sad because my mother did not come with us','16-OCT-2019','Banha','sad','rofaida@gmail.com');**

**insert into diary\_post values (5,'My Birthday', 'My best friend gave me a special present','12-OCT-2022','Giza','Excited','bila@gmail.com');**

**insert into friends values('zainab@gmail.com', 'rofaida@gmail.com');**

**insert into friends values('bila@gmail.com', 'rofaida@gmail.com');**

**insert into tag\_friends values('zainab@gmail.com','rofaida@gmail.com',3);**

**create or replace PROCEDURE get\_friends\_count (friendsCount out NUMBER, email in VARCHAR2)**

**as BEGIN**

**select count(\*) into friendscount from friends where user\_email= email;**

**end;**

**create or replace PROCEDURE get\_title (title out sys\_refcursor, email in VARCHAR2)**

**as**

**BEGIN**

**open title for**

**select diary\_title**

**from diary\_post**

**where user\_email=email;**

**end;**