**INSTAGRAM SCHEMA**

create table login\_table(

user\_id int primary key,

email\_id varchar(30) not null ,

phonenumber bigint not null,

password text not null,status boolean not null, validation boolean not null );

create table register\_table(register\_id int primary key,

user\_id int references login\_table(user\_id),

username varchar(30) not null,

email\_id varchar(30) not null ,

phonenumber bigint not null,

password text not null,

dateofbirth date not null, fullname varchar(30) not null,

validation boolean not null);

create table register\_access(

register\_id int references register\_table(register\_id),

email\_id varchar(30) not null ,

phonenumber bigint not null,

otp int not null,

validation boolean not null);

create table user\_table(

user\_id int primary key,

username varchar(30) not null,

password text not null);

create table profile(

profile\_id int primary key,

fullname varchar(30) not null,

bio\_text varchar(100) ,

profile\_picture bytea ,

website\_id text ,phonenumber bigint );

create table account\_table(

account\_id int primary key,

user\_id int references user\_table(user\_id),

account\_type varchar(30) not null,

username varchar(30) not null,

profile\_id int references profile(profile\_id));

create table post\_table(

post\_id int primary key,

account\_id int references account\_table(account\_id),

post\_type varchar(30) not null,caption text ,

comment\_control boolean not null,comment\_count int,

like\_count int,share\_count int,

tagged\_id varchar(30),

location\_value text ,

music bytea ,posted\_time timestamp not null);

create table comment\_table(

comment\_id int primary key ,

account\_id int references account\_table(account\_id),

to\_id varchar(30),

post\_id int references post\_table(post\_id),

comment\_content varchar(180), time\_posted timestamp not null,

likes\_count int);

create table story\_table(

story\_id int primary key,

account\_id int references account\_table(account\_id),

posted\_time timestamp not null,

story\_content bytea ,

view\_count serial,

like\_count serial,

story\_type varchar(30));

create table close\_friends(

closefriends\_id int primary key,

account\_id int references account\_table(account\_id),

friend\_userid int not null );

create table messenger(

message\_id int primary key,

account\_id int references account\_table(account\_id),

to\_id int not null, message\_content bytea not null,

content\_type varchar(30),

time\_status timestamp not null,

status boolean not null,

seen\_status boolean not null);

create table call\_table(

call\_id int primary key,

account\_id int references account\_table(account\_id),

to\_id int not null,

start\_time timestamp not null,

end\_time timestamp not null,

call\_type varchar(15) not null,

status boolean not null);

create table activity\_table(

activity\_id int primary key,

account\_id int references account\_table(account\_id),

logged\_device varchar(30) not null,

latitude\_value numeric not null,

longitude\_value numeric not null,

location\_value varchar(80) not null,

start\_time timestamp not null,

end\_time timestamp not null,

ip\_address inet not null);

