create table attachment(

id int not null,

url text not null,

constraint pk\_attachment primary key (id)

);

create table foto(

id int not null,

attachment\_id int not null,

constraint pk\_foto primary key (id),

constraint fk\_attachment\_id foreign key (attachment\_id) references attachment(id)

on delete cascade on update cascade

);

create table perfil(

username varchar(20) not null,

nome varchar(60) not null,

email varchar(30) not null,

bio varchar(100),

webiste varchar(30),

telefone varchar(11) not null,

genero char(1) not null,

foto\_id int,

perfil\_aberto bool not null,

constraint pk\_perfil primary key (username),

constraint unique\_email unique (email),

constraint fk\_foto foreign key (foto\_id) references foto(id)

on delete set null on update cascade

);

create table seguidor(

e\_seguido varchar(20) not null,

seguidor varchar(20) not null,

status varchar(10) not null,

constraint pk\_seguidor primary key(e\_seguido, seguidor),

constraint fk\_e\_seguido foreign key (e\_seguido) references perfil(username)

on delete cascade on update cascade,

constraint fk\_seguidor foreign key (seguidor) references perfil (username)

on delete cascade on update cascade

);

create table mensagem(

id int not null,

envia varchar(20) not null,

recebe varchar(20) not null,

data timestamp not null,

constraint pk\_mensagem primary key (id),

constraint fk\_envia foreign key (envia) references perfil(username)

on delete cascade on update cascade,

constraint fk\_recebe foreign key (recebe) references perfil(username)

on delete cascade on update cascade

);

create table msg\_texto(

mensagem\_id int not null,

texto text not null,

constraint pk\_msg\_texto primary key (mensagem\_id),

constraint fk\_mensagem\_id foreign key (mensagem\_id) references mensagem(id)

on delete cascade on update cascade

);

create table msg\_midia(

mensagem\_id int not null,

attachment\_id int not null,

constraint pk\_msg\_midia primary key (mensagem\_id),

constraint fk\_mensagem\_id foreign key (mensagem\_id) references mensagem(id)

on delete cascade on update cascade,

constraint fk\_attachment\_id foreign key (attachment\_id) references attachment(id)

on delete cascade on update cascade

);

create table publicacao(

id int not null,

userid varchar(20) not null,

data timestamp not null,

denunciada boolean not null,

num\_likes int not null,

num\_comentarios int not null,

constraint pk\_publicacao primary key (id),

constraint fk\_userid foreign key (userid) references perfil(username)

on delete cascade on update cascade

);

create table "like"(

curtiu varchar(20) not null,

publicacao\_id int not null,

data timestamp not null,

constraint pk\_like primary key (curtiu, publicacao\_id),

constraint fk\_curtiu foreign key (curtiu) references perfil(username)

on delete cascade on update cascade,

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade

);

create table comentario(

id int not null,

comentou varchar(20) not null,

publicacao\_id int not null,

texto text not null,

"data" timestamp not null,

constraint pk\_comentario primary key (id),

constraint fk\_comentou foreign key (comentou) references perfil(username)

on delete cascade on update cascade,

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade

);

create table tag(

marcado varchar(20) not null,

publicacao\_id int not null,

"data" timestamp not null,

constraint pk\_tag primary key (marcado, publicacao\_id),

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade

);

create table bloqueia(

bloqueou\_id varchar(20) not null,

bloqueado\_id varchar(20) not null,

data\_inicio timestamp not null,

data\_fim timestamp ,

constraint pk\_bloqueia primary key (bloqueou\_id, bloqueado\_id, data\_inicio),

constraint fk\_bloqueou\_id foreign key (bloqueou\_id) references perfil(username)

on delete cascade on update cascade,

constraint fk\_bloqueado\_id foreign key (bloqueado\_id) references perfil(username)

on delete cascade on update cascade

);

create table media (

id int not null,

publicacao\_id int not null,

texto text not null,

localizacao varchar(100) not null,

constraint pk\_media primary key (id),

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade

);

create table media\_attachment(

media\_id int not null,

attachment\_id int not null,

constraint pk\_media\_attachment primary key (media\_id, attachment\_id),

constraint fk\_media\_id foreign key (media\_id) references media(id)

on delete cascade on update cascade,

constraint fk\_attachment\_id foreign key (attachment\_id) references attachment(id)

on delete cascade on update cascade

);

create table video (

id int not null,

attachment\_id int not null,

constraint pk\_video primary key (id),

constraint fk\_attachment\_id foreign key (attachment\_id) references attachment(id)

on delete cascade on update cascade

);

create table story(

publicacao\_id int not null,

attachment\_id int not null,

constraint pk\_story primary key (publicacao\_id),

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade,

constraint fk\_attachment\_id foreign key (attachment\_id ) references attachment(id)

on delete cascade on update cascade

);

create table live(

publicacao\_id int not null,

video\_id int not null,

constraint pk\_live primary key (publicacao\_id),

constraint fk\_video\_id foreign key (video\_id) references video(id)

on delete cascade on update cascade,

constraint fk\_publicacao\_id foreign key (publicacao\_id) references publicacao(id)

on delete cascade on update cascade

);