CREATE TABLE profile(

profile\_id int PRIMARY key AUTO\_INCREMENT,

fname varchar(30),

lname varchar(30),

email varchar(50) UNIQUE,

pwd varchar(30),

username varchar(30) UNIQUE,

mobile\_no BIGINT UNIQUE,

prof\_create\_date datetime

);

CREATE TABLE message(

message\_id int PRIMARY KEY AUTO\_INCREMENT,

sender\_id int REFERENCES profile(profile\_id) ON DELETE CASCADE,

receiver\_id int REFERENCES profile(profile\_id) ON DELETE CASCADE,

mtext text,

mdate datetime

);

CREATE TABLE page(

page\_id int PRIMARY KEY AUTO\_INCREMENT,

page\_name varchar(50),

description text,

category varchar(30),

admin\_id int REFERENCES profile(profile\_id) ON DELETE CASCADE

);

CREATE table pageMembers(

table\_id int PRIMARY KEY AUTO\_INCREMENT,

page\_id int REFERENCES page(page\_id) ON DELETE CASCADE,

member\_id int REFERENCES profile(profile\_id) ON DELETE CASCADE

);

CREATE TABLE post(

post\_id int PRIMARY KEY AUTO\_INCREMENT,

post\_likes int,

post\_date datetime,

content text,

post\_type varchar(50),

posted\_by int REFERENCES profile(profile\_id) ON DELETE CASCADE,

page\_id int REFERENCES page(page\_id) ON DELETE CASCADE

);

CREATE TABLE comment(

comment\_id int PRIMARY KEY AUTO\_INCREMENT,

comment\_text text,

comment\_likes int,

comment\_date datetime,

commenter\_id int REFERENCES profile(profile\_id) ON DELETE CASCADE,

post\_id int REFERENCES post(post\_id) ON DELETE CASCADE

);

CREATE TABLE post\_likes(

post\_like\_id int PRIMARY KEY AUTO\_INCREMENT,

post\_id int REFERENCES post(post\_id) ON DELETE CASCADE,

page\_id int REFERENCES page(page\_id) ON DELETE CASCADE,

liked\_by int REFERENCES profile(profile\_id) ON DELETE CASCADE

);