CREATE TABLE users (

username VARCHAR(50) PRIMARY KEY,

email VARCHAR(100) NOT NULL UNIQUE,

phone VARCHAR(15) NOT NULL,

password VARCHAR(50) NOT NULL,

gender VARCHAR(10) NOT NULL,

dob DATE NOT NULL

);

CREATE TABLE messages (

id SERIAL PRIMARY KEY,

sender VARCHAR(50) REFERENCES users(username),

receiver VARCHAR(50) REFERENCES users(username),

message TEXT NOT NULL,

timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

ALTER TABLE users

ADD COLUMN bio TEXT,

ADD COLUMN country VARCHAR(50);

CREATE TABLE groups (

group\_id SERIAL PRIMARY KEY,

group\_name VARCHAR(50) NOT NULL,

created\_by VARCHAR(50) REFERENCES users(username),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE group\_members (

group\_id INT REFERENCES groups(group\_id),

username VARCHAR(50) REFERENCES users(username),

PRIMARY KEY (group\_id, username)

);

CREATE TABLE group\_messages (

message\_id SERIAL PRIMARY KEY,

group\_id INT REFERENCES groups(group\_id),

sender VARCHAR(50) REFERENCES users(username),

message TEXT NOT NULL,

timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);