create database psn;

use psn;

CREATE TABLE User (

user\_id INT PRIMARY KEY,

username VARCHAR(255),

email VARCHAR(255),

password VARCHAR(255),

role varchar(255)

);

select \* from user;

CREATE TABLE Post (

post\_id INT PRIMARY KEY,

user\_id INT,

content VARCHAR(255),

timestamp TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

select \* from post;

CREATE TABLE Comment (

comment\_id INT PRIMARY KEY,

user\_id INT,

post\_id INT,

content VARCHAR(255),

timestamp TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES User(user\_id),

FOREIGN KEY (post\_id) REFERENCES Post(post\_id)

);

select \* from Comment;

CREATE TABLE Likes (

like\_id INT PRIMARY KEY,

user\_id INT,

post\_id INT,

date DATE,

FOREIGN KEY (user\_id) REFERENCES User(user\_id),

FOREIGN KEY (post\_id) REFERENCES Post(post\_id)

);

Select \* from likes;

CREATE TABLE Profile (

profile\_id INT PRIMARY KEY,

user\_id INT UNIQUE,

bio TEXT,

image\_url VARCHAR(255),

last\_activity TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

select \* from profile;

CREATE TABLE Message (

message\_id INT PRIMARY KEY,

sender\_id INT,

recipient\_id INT,

content TEXT,

timestamp TIMESTAMP,

FOREIGN KEY (sender\_id) REFERENCES User(user\_id),

FOREIGN KEY (recipient\_id) REFERENCES User(user\_id)

);

select \* from Message;

CREATE TABLE Notification (

notification\_id INT PRIMARY KEY,

user\_id INT,

message VARCHAR(255),

timestamp TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

select \* from notification;

CREATE TABLE Connection (

connection\_id INT PRIMARY KEY,

user1\_id INT,

user2\_id INT,

status VARCHAR(50),

FOREIGN KEY (user1\_id) REFERENCES User(user\_id),

FOREIGN KEY (user2\_id) REFERENCES User(user\_id)

);

select \* from connection;

CREATE TABLE Search (

search\_id INT PRIMARY KEY,

user\_id INT,

keyword VARCHAR(255),

timestamp TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

select \* from search;