CREATE DATABASE SocialMediaApp;

USE SocialMediaApp;

-- User Table

CREATE TABLE users (

userid INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

profile\_image VARCHAR(255) DEFAULT NULL -- Stores image URL or path

);

-- Posts Table

CREATE TABLE posts (

postid INT AUTO\_INCREMENT PRIMARY KEY,

sender\_userid INT NOT NULL, -- The user who is sending the post

receiver\_userid INT NOT NULL, -- The user who is receiving the post

post\_content TEXT NOT NULL,

post\_datetime DATETIME DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (sender\_userid) REFERENCES users(userid) ON DELETE CASCADE,

FOREIGN KEY (receiver\_userid) REFERENCES users(userid) ON DELETE CASCADE

);

