-- Database structure for Community Help Platform

-- Create database

CREATE DATABASE IF NOT EXISTS community\_help;

USE community\_help;

-- Create users table

CREATE TABLE IF NOT EXISTS users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL UNIQUE,

email VARCHAR(100) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

location VARCHAR(100) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Create help\_listings table

CREATE TABLE IF NOT EXISTS help\_listings (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

title VARCHAR(100) NOT NULL,

description TEXT NOT NULL,

type ENUM('request', 'offer') NOT NULL,

category VARCHAR(50) NOT NULL,

location VARCHAR(100) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);

-- Sample data (optional)

-- Insert sample users

INSERT INTO users (username, email, password, location) VALUES

('john\_doe', 'john@example.com', '$2y$10$Nqa.tSVqsEoHs9Xf5GfkUe7TSZdEBlXYy/agsIFnU8zmx2DRmkD.m', 'Downtown'), -- Password: password123

('jane\_smith', 'jane@example.com', '$2y$10$Nqa.tSVqsEoHs9Xf5GfkUe7TSZdEBlXYy/agsIFnU8zmx2DRmkD.m', 'Uptown'); -- Password: password123

-- Insert sample help listings

INSERT INTO help\_listings (user\_id, title, description, type, category, location) VALUES

(1, 'Need help with grocery shopping', 'I am elderly and would appreciate help with grocery shopping once a week.', 'request', 'errands', 'Downtown'),

(2, 'Offering tutoring in math', 'I can tutor high school students in algebra and calculus.', 'offer', 'education', 'Uptown'),

(1, 'Dog walking service', 'I can walk your dog when you are at work or busy.', 'offer', 'petcare', 'Downtown'),

(2, 'Need help setting up computer', 'Looking for someone to help me set up my new computer and install software.', 'request', 'technology', 'Uptown');