`Query:

CREATE DATABASE Community\_volunteering\_platform;

-- USERS TABLE

CREATE TABLE Users (

UserID INT AUTO\_INCREMENT PRIMARY KEY,

Name VARCHAR(100) NOT NULL,

Email VARCHAR(255) UNIQUE NOT NULL,

Phone VARCHAR(15),

PasswordHash VARCHAR(255) NOT NULL,

Role ENUM('Volunteer', 'Organization') NOT NULL,

EmailVerified BOOLEAN DEFAULT FALSE,

SkillsSummary TEXT,

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

UpdatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

);

-- PASSWORD RESET REQUESTS TABLE

CREATE TABLE PasswordResetRequests (

RequestID INT AUTO\_INCREMENT PRIMARY KEY,

UserID INT,

Token VARCHAR(255),

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES Users(UserID)

);

-- TASKS TABLE

CREATE TABLE Tasks (

TaskID INT AUTO\_INCREMENT PRIMARY KEY,

OrganizationID INT,

Title VARCHAR(255) NOT NULL,

Description TEXT NOT NULL,

Location VARCHAR(255),

SkillsRequired VARCHAR(255),

TaskDate DATE,

TaskTime TIME,

Status ENUM('Available', 'Taken', 'Completed') DEFAULT 'Available',

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

UpdatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (OrganizationID) REFERENCES Users(UserID)

);

-- TASK SIGNUPS TABLE

CREATE TABLE TaskSignups (

SignupID INT AUTO\_INCREMENT PRIMARY KEY,

TaskID INT,

VolunteerID INT,

SignupDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

Status ENUM('Upcoming', 'Ongoing', 'Completed', 'Cancelled') DEFAULT 'Upcoming',

FOREIGN KEY (TaskID) REFERENCES Tasks(TaskID),

FOREIGN KEY (VolunteerID) REFERENCES Users(UserID)

);

-- SKILLS TABLE (COMBINED WITH CATEGORIES)

CREATE TABLE Skills (

SkillID INT AUTO\_INCREMENT PRIMARY KEY,

SkillName VARCHAR(100) NOT NULL UNIQUE,

CategoryName VARCHAR(100) NOT NULL, -- Directly store category name

Description TEXT, -- Optional: Brief description of the skill

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

UpdatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

);

-- USER SKILLS TABLE

CREATE TABLE UserSkills (

UserSkillID INT AUTO\_INCREMENT PRIMARY KEY,

UserID INT NOT NULL,

SkillID INT NOT NULL,

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES Users(UserID),

FOREIGN KEY (SkillID) REFERENCES Skills(SkillID)

);

-- RATINGS TABLE

CREATE TABLE Ratings (

RatingID INT AUTO\_INCREMENT PRIMARY KEY,

RatedBy INT NOT NULL,

RatedUser INT NOT NULL,

TaskID INT,

RatingValue INT CHECK (RatingValue BETWEEN 1 AND 5),

Review TEXT,

CreatedAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (RatedBy) REFERENCES Users(UserID),

FOREIGN KEY (RatedUser) REFERENCES Users(UserID),

FOREIGN KEY (TaskID) REFERENCES Tasks(TaskID) ON DELETE SET NULL

);