-- Employee Table

CREATE TABLE Employee (

emp\_id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(255) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

full\_name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL UNIQUE,

phone\_no VARCHAR(15) NOT NULL,

address VARCHAR(255) NOT NULL,

pincode VARCHAR(10) NOT NULL,

med\_Key INT,

skills VARCHAR(255),

description VARCHAR(255),

jobs\_done INT DEFAULT 0,

experience INT,

img\_id INT,

isEngaged BOOLEAN,

FOREIGN KEY (med\_Key) REFERENCES Mediator(m\_id),

FOREIGN KEY (img\_id) REFERENCES Image(img\_id)

);

-- Mediator Table

CREATE TABLE Mediator (

m\_id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(255) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

full\_name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL UNIQUE,

phone\_no VARCHAR(15) NOT NULL,

address VARCHAR(255) NOT NULL,

img\_id INT,

FOREIGN KEY (img\_id) REFERENCES Image(img\_id)

);

-- Customer Table

CREATE TABLE Customer (

cust\_id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(255) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

full\_name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL UNIQUE,

phone\_no VARCHAR(15) NOT NULL,

address VARCHAR(255) NOT NULL,

pincode VARCHAR(10) NOT NULL,

img\_id INT,

FOREIGN KEY (img\_id) REFERENCES Image(img\_id)

);

-- Service Request Table

CREATE TABLE Service\_Request (

sr\_id INT PRIMARY KEY AUTO\_INCREMENT,

cust\_id INT,

skills\_req VARCHAR(255),

pincode VARCHAR(10),

FOREIGN KEY (cust\_id) REFERENCES Customer(cust\_id)

);

-- Image Table

CREATE TABLE Image (

img\_id INT PRIMARY KEY AUTO\_INCREMENT,

file\_path VARCHAR(255),

person\_id INT UNIQUE

);

-- Insert data into Image Table

INSERT INTO Image (file\_path, person\_id) VALUES

('path\_to\_image1.jpg', 1),

('path\_to\_image2.jpg', 2),

('path\_to\_image3.jpg', 3);

-- Insert data into Mediator Table

INSERT INTO Mediator (username, password, full\_name, email, phone\_no, address, img\_id) VALUES

('mediator1', 'mediator\_pass1', 'Mediator One', 'mediator1@example.com', '1234567890', 'Mediator Address 1', 1),

('mediator2', 'mediator\_pass2', 'Mediator Two', 'mediator2@example.com', '9876543210', 'Mediator Address 2', 2),

('mediator3', 'mediator\_pass3', 'Mediator Three', 'mediator3@example.com', '1112233445', 'Mediator Address 3', 3);

-- Insert data into Customer Table

INSERT INTO Customer (username, password, full\_name, email, phone\_no, address, pincode, img\_id) VALUES

('customer1', 'customer\_pass1', 'Customer One', 'customer1@example.com', '5556667777', 'Customer Address 1', '12345', 1),

('customer2', 'customer\_pass2', 'Customer Two', 'customer2@example.com', '3334445555', 'Customer Address 2', '67890', 2),

('customer3', 'customer\_pass3', 'Customer Three', 'customer3@example.com', '2223334444', 'Customer Address 3', '56789', 3);

-- Insert data into Employee Table

INSERT INTO Employee (username, password, full\_name, email, phone\_no, address, pincode, med\_Key, skills, description, jobs\_done, experience, img\_id, isEngaged) VALUES

('employee1', 'employee\_pass1', 'Employee One', 'employee1@example.com', '9998887777', 'Employee Address 1', '45678', 1, 'Skill A, Skill B', 'Experienced in Task X', 5, 2, 1, true),

('employee2', 'employee\_pass2', 'Employee Two', 'employee2@example.com', '4445556666', 'Employee Address 2', '12345', 2, 'Skill C, Skill D', 'Specializes in Task Y', 8, 3, 2, false),

('employee3', 'employee\_pass3', 'Employee Three', 'employee3@example.com', '7778889999', 'Employee Address 3', '78901', 3, 'Skill E, Skill F', 'Proficient in Task Z', 3, 1, 3, true);

-- Insert data into Service\_Request Table

INSERT INTO Service\_Request (cust\_id, skills\_req, pincode) VALUES

(1, 'Skill A, Skill B', '12345'),

(2, 'Skill C, Skill D', '67890'),

(3, 'Skill E, Skill F', '56789');