## **Database Structure**

### **Tables**

#### **1. Users**

#### CREATE TABLE Users (

#### user\_id INT AUTO\_INCREMENT PRIMARY KEY, id will be (UUID)

#### name VARCHAR(100),

#### mobile VARCHAR(15),

#### email VARCHAR(100) UNIQUE,

#### password VARCHAR(255),

#### role varchar(50),

#### created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

#### updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

#### );

User Authentication :…

Validation on api,

Password hash validation password

**INSERT DATA**

INSERT INTO Users (name, mobile, email, password, role) VALUES

('Rajesh Kumar', '9876543210', 'rajesh.kumar@example.com', 'password123', 'Admin'),

('Priya Singh', '9123456789', 'priya.singh@example.com', 'password123', 'Service Provider'),

('Ankit Verma', '9988776655', 'ankit.verma@example.com', 'password123', 'Customer'),

('Sita Sharma', '9876541111', 'sita.sharma@example.com', 'password123', 'Customer'),

('Arjun Mehta', '9876512345', 'arjun.mehta@example.com', 'password123', 'Service Provider'),

('Manoj Das', '9123487654', 'manoj.das@example.com', 'password123', 'Customer'),

('Neha Gupta', '9988773322', 'neha.gupta@example.com', 'password123', 'Customer'),

('Ravi Reddy', '9123451234', 'ravi.reddy@example.com', 'password123', 'Admin'),

('Meena Jain', '9876598765', 'meena.jain@example.com', 'password123', 'Service Provider'),

('Pooja Patel', '9876546789', 'pooja.patel@example.com', 'password123', 'Customer');

#### **2. Businesses**

CREATE TABLE Businesses (

business\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT not null,

business\_name VARCHAR(100) not null,

address TEXT not null,

contact\_info VARCHAR(100) not null,

logo\_url TEXT ,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

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

);

**INSERT DATA**

#### INSERT INTO Businesses (user\_id, business\_name, address, contact\_info, logo\_url) VALUES

#### (2, "Priya's Salon", '123, MG Road, Bangalore, India', '9123456789', 'https://example.com/logo1.png'),

#### (5, "Arjun's Cleaning Services", "456, JP Nagar, Hyderabad, India", "9876512345", "https://example.com/logo2.png"),

#### (9, "Meena s Spa", "789, Anna Salai, Chennai, India", "9876598765", "https://example.com/logo3.png");

#### **3. Categories** CREATE TABLE Categories (

#### category\_id INT AUTO\_INCREMENT PRIMARY KEY,

#### category\_name VARCHAR(100) not null,

#### created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

#### updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP

#### );

**INSERT DATA**

INSERT INTO Categories (category\_name) VALUES

('Beauty & Wellness'),

('Home Services'),

('Fitness'),

('Education');

#### **4. Subcategories**

CREATE TABLE Subcategories (

subcategory\_id INT AUTO\_INCREMENT PRIMARY KEY,

category\_id INT not null,

subcategory\_name VARCHAR(100) not null,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (category\_id) REFERENCES Categories(category\_id)

);

**INSERT DATA**

INSERT INTO Subcategories (category\_id, subcategory\_name) VALUES

(1, 'Hair Styling'),

(1, 'Skin Care'),

(2, 'Cleaning'),

(2, 'Plumbing'),

(3, 'Yoga'),

(3, 'Gym');

#### **5. Services**

CREATE TABLE Services (

service\_id INT AUTO\_INCREMENT PRIMARY KEY,

business\_id INT not null,

subcategory\_id INT not null,

service\_name VARCHAR(100) not null,

description TEXT not null,

price DECIMAL(10,2) not null,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (business\_id) REFERENCES Businesses(business\_id),

FOREIGN KEY (subcategory\_id) REFERENCES Subcategories(subcategory\_id)

);

**INSERT DATA**

INSERT INTO Services (business\_id, subcategory\_id, service\_name, description, price) VALUES

(1, 1, 'Hair Cut', 'Professional hair cutting service', 500.00),

(1, 2, 'Facial', 'Refreshing facial treatments', 1200.00),

(2, 3, 'Home Cleaning', 'Thorough cleaning of homes', 2000.00),

(2, 4, 'Leak Repair', 'Fixing plumbing leaks', 1500.00),

(3, 5, 'Yoga Class', 'Guided yoga sessions', 800.00),

(3, 6, 'Gym Training', 'Personalized gym training', 1000.00);

#### **6. Appointments**

CREATE TABLE Appointments (

appointment\_id INT AUTO\_INCREMENT PRIMARY KEY,

service\_id INT not null,

user\_id INT NOT null,

appointment\_date DATE,

time\_slot VARCHAR(50),

status varchar (50),

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (service\_id) REFERENCES Services(service\_id),

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

);

**INSERT DATA**

INSERT INTO Appointments (service\_id, user\_id, appointment\_date, time\_slot, status) VALUES

(1, 3, '2025-01-25', '10:00 AM - 11:00 AM', 'Booked'),

(2, 3, '2025-01-26', '02:00 PM - 03:00 PM', 'Booked'),

(3, 6, '2025-01-27', '09:00 AM - 10:30 AM', 'Booked'),

(4, 6, '2025-01-28', '11:00 AM - 12:00 PM', 'Booked'),

(5, 7, '2025-01-29', '06:00 AM - 07:00 AM', 'Booked'),

(6, 7, '2025-01-30', '05:00 PM - 06:00 PM', 'Booked');

#### **7. Payments**

CREATE TABLE Payments (

payment\_id INT AUTO\_INCREMENT PRIMARY KEY,

appointment\_id INT not null,

amount DECIMAL(10,2) not null,

payment\_method VARCHAR(50) not null,

status varchar (50) not null,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (appointment\_id) REFERENCES Appointments(appointment\_id)

);

**INSERT DATA**

INSERT INTO Payments (appointment\_id, amount, payment\_method, status) VALUES

(1, 500.00, 'UPI', 'Paid'),

(2, 1200.00, 'Credit Card', 'Paid'),

(3, 2000.00, 'Net Banking', 'Paid'),

(4, 1500.00, 'Debit Card', 'Paid'),

(5, 800.00, 'UPI', 'Paid'),

(6, 1000.00, 'Cash', 'Paid');

#### **8. Reviews**

CREATE TABLE Reviews (

review\_id INT AUTO\_INCREMENT PRIMARY KEY,

service\_id INT not null,

user\_id INT not null,

rating INT CHECK (rating BETWEEN 1 AND 5),

comment TEXT NOT NULL,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (service\_id) REFERENCES Services(service\_id),

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

);

**INSERT DATA**

INSERT INTO Reviews (service\_id, user\_id, rating, comment) VALUES

(1, 3, 5, 'Excellent service!'),

(2, 3, 4, 'Good experience overall.'),

(3, 6, 5, 'Very professional cleaning.'),

(4, 6, 3, 'Could be better.'),

(5, 7, 5, 'Amazing yoga session!'),

(6, 7, 4, 'Great gym equipment.');

#### **9. Notifications**

CREATE TABLE Notifications (

notification\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

message TEXT NOT NULL,

is\_read BOOLEAN ,

created\_at DATETIME DEFAULT CURRENT\_TIMESTAMP,

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

);

**INSERT DATA**

INSERT INTO Notifications (user\_id, message) VALUES

(3, 'Your appointment for Hair Cut is confirmed.'),

(3, 'Your payment for Facial is successful.'),

(6, 'Your appointment for Home Cleaning is confirmed.'),

(6, 'Your payment for Leak Repair is successful.'),

(7, 'Your appointment for Yoga Class is confirmed.'),

(7, 'Your payment for Gym Training is successful.');