**FixEasy : ER Modeling**

**Entities**

1. **User**
2. **Technician**
3. **Service**
4. **Booking**
5. **Payment**
6. **Review**
7. **Location**
8. **Admin**

**Relationships**

* **User-Booking: A user can have multiple bookings, but a booking is associated with one user.**
* **Technician-Booking: A technician can handle multiple bookings, but each booking is assigned to one technician.**
* **Service-Booking: Each booking is for one specific service, but a service can be booked multiple times.**
* **Booking-Payment: Each booking can have one payment associated with it, and a payment is linked to one booking.**
* **User-Review: A user can write multiple reviews, but each review is associated with a specific user.**
* **Technician-Review: A technician can receive multiple reviews, but each review targets a specific technician.**
* **Technician-Location: A technician has one current location, but their location updates over time.**
* **Admin-User/Technician: Admins can manage both users and technicians (add, remove, verify).**

**ER Diagram**

* **User (1) —— (M) Booking**
* **Technician (1) —— (M) Booking**
* **Service (1) —— (M) Booking**
* **Booking (1) —— (1) Payment**
* **User (1) —— (M) Review**
* **Technician (1) —— (M) Review**
* **Technician (1) —— (1) Location**
* **Admin (1) —— (M) User/Technician**