**User**

* id (int, PK)
* name (string)
* email (string, unique)
* password (string)
* role (string) – 'owner', 'tenant', 'admin'
* phone (string)
* verified (bool)
* type (string) – 'person' ou 'company'

**2. Person (sous-type de User)**

* user\_id (int, PK, FK → User)
* first\_name (string)
* last\_name (string)

**3. Company (sous-type de User)**

* user\_id (int, PK, FK → User)
* company\_name (string)
* registration\_number (string)

**4. Property**

* id (int, PK)
* owner\_id (int, FK → User)
* title (string)
* description (text)
* type (string) – 'apartment', 'house', 'room', etc.
* rental\_type (string) – 'daily', 'monthly', 'yearly', 'other'
* location (string)
* price (float)
* available (bool)
* photos (array of string URLs)
* features (array of string)

**5. Rental**

* id (int, PK)
* property\_id (int, FK → Property)
* tenant\_id (int, FK → User)
* start\_date (date)
* end\_date (date)
* status (string) – 'pending', 'active', 'completed', 'cancelled'

**6. Message**

* id (int, PK)
* sender\_id (int, FK → User)
* receiver\_id (int, FK → User)
* content (text)
* timestamp (datetime)

**7. Payment**

* id (int, PK)
* rental\_id (int, FK → Rental)
* amount (float)
* status (string) – 'pending', 'paid', 'failed'
* payment\_date (date)
* method (string) – 'mobile\_money', 'card', 'cash', etc.

**8. Issue**

* id (int, PK)
* property\_id (int, FK → Property)
* reported\_by (int, FK → User)
* description (text)
* photo (string URL)
* status (string) – 'open', 'in\_progress', 'resolved'
* reported\_date (date)