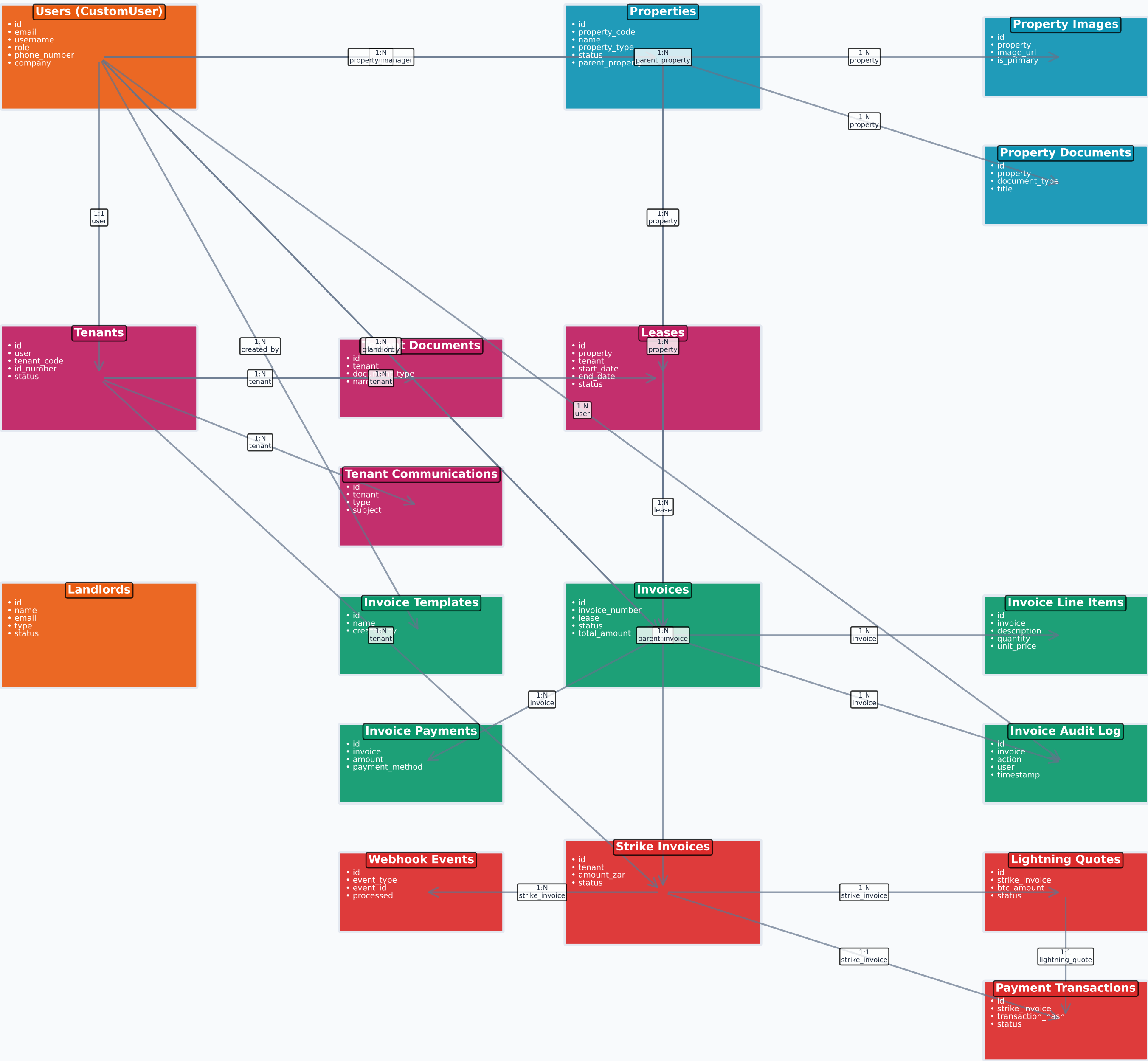# Property Management System - Database Schema

Entity Relationship Diagram (ERD)

Legend:
- Primary Entities
- Property Related
- Tenant Related
- User Related
- Financial
- Payment/Bitcoin

Users (CustomUser)
- id
- email
- username
- role
- phone_number
- company

Properties
- id
- property_code
- name
- property_type
- status
- parent_property

Property Images
- id
- property
- image_url
- is_primary

Property Documents
- id
- property
- document_type
- title

Tenants
- id
- user
- tenant_code
- id_number
- status

Tenant Documents
- id
- tenant
- document_type
- name

Leases
- id
- property
- tenant
- start_date
- end_date
- status

Tenant Communications
- id
- tenant
- type
- subject

Landlords
- id
- name
- email
- type
- status

Invoice Templates
- id
- name
- created

Invoices
- id
- invoice_number
- lease
- status
- total_amount

Invoice Line Items
- id
- invoice
- description
- quantity
- unit_price

Invoice Payments
- id
- invoice
- amount
- payment_method

Invoice Audit Log
- id
- invoice
- action
- user
- timestamp

Webhook Events
- id
- event_type
- event_id
- processed

Strike Invoices
- id
- tenant
- amount_zar
- status

Lightning Quotes
- id
- strike_invoice
- btc_amount
- status

Payment Transactions
- id
- strike_invoice
- transaction_hash
- status

Relationship labels: 1:N property_manager, 1:N parent_property, 1:N property, 1:N property, 1:1 user, 1:N created_by, 1:N landlord, 1:N tenant, 1:N tenant, 1:N property, 1:N user, 1:N tenant, 1:N lease, 1:N parent_invoice, 1:N tenant, 1:N invoice, 1:N invoice, 1:N invoice, 1:N strike_invoice, 1:N strike_invoice, 1:1 lightning_quote, 1:1 strike_invoice

Note: This diagram shows the main entities and their relationships. Foreign keys are indicated by relationship lines.