

Narrative of Entity Relationship Diagram

The UNICRIBZ Accommodation Booking System is designed to facilitate the interaction between landlord and tenant by allowing accommodation listings and booking management. Data needs to be stored on each tenant (TenantID, first name, last name, email-address, phone number, and payment status). Attributes for landlord includes (LandlordID, first name, last name, phone number, email address, and commission). Data that needs to be kept for accommodation includes (AccommodationID, address, amenities, accommodation name, and accommodation type). Attributes for the room includes (room number, room type, and room status). Data that needs to be stored for booking includes (BookingID, booking date, and booking status).

A tenant belongs to one and only landlord and the landlord can have zero or many tenants. A tenant books makes one or many bookings and booking is made by one and only tenant. A tenant is allocated to one and only accommodation, but an accommodation can accommodates zero or many tenants. Tenant is allocated to one and only room and a room can accommodate zero or many tenants. Landlord owns at least one accommodation, and accommodation is owned by one or many landlords. Accommodation has one or many bookings and booking belongs to one or many accommodations.