Property Management ER Diagram and APIs

ER Diagram

c_property_image

PK (ObjectId)	id
byte[]	image
ObjectId	propertyId
ObjectId	createdBy
Date	createdAt

c_property

PK (ObjectId)	id
ObjectId	userId
ObjectId	referenceId
String	address
String	district
String	city
String	price
String	name
Integer	count
String	type
Enum (ATTACHED, SEPARATE)	bathroomType
Integer	bathroomCount
Enum (RENT, SELL)	rentOrSale
Enum (PENDING, ACTIVE, INACTIVE, DELETED)	status
String	area
Date	checkInDateTime
Date	checkOutDateTime
ObjectId	createdBy
Date	createdAt
ObjectId	lastUpdatedBy
Date	lastUpdatedAt

c_user

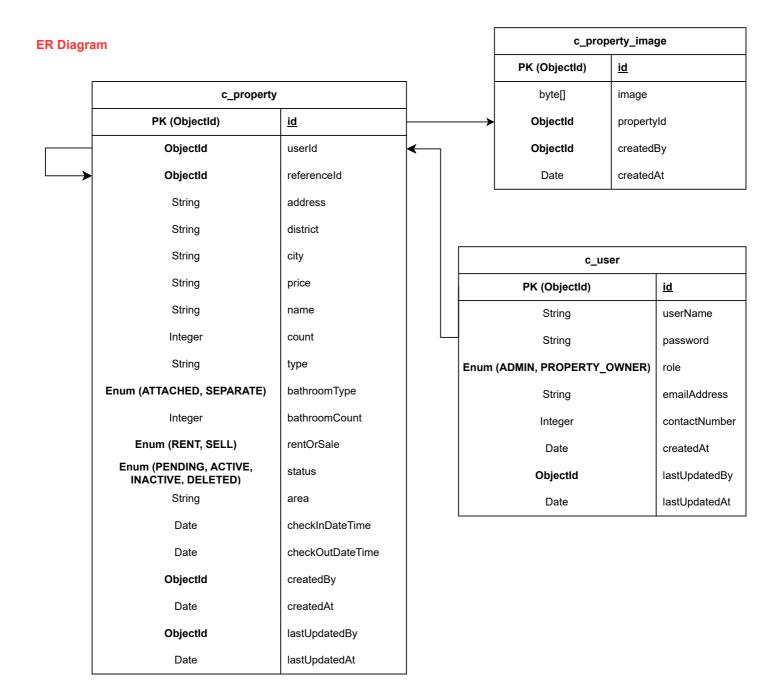| PK (ObjectId)	id
String	userName
String	password
Enum (ADMIN, PROPERTY_OWNER)	role
String	emailAddress
Integer	contactNumber
Date	createdAt
ObjectId	lastUpdatedBy
Date	lastUpdatedAt

BE APIs

- Login by Property Owner or Admin
- Sign Up by Property Owner
- List Main Active Properties based on Offset
- Get All Active Sub Properties for Main Property Id
- Create a Property by Property Owner or Admin
- Edit a Property by Admin
- Change Status of a Property by Admin
- Upload Property Image