Please create the domain model for the following use cases:

1) A landlord can rent out a separate apartment, the whole building or several apartments to another party.

2) A landlord can sign a rental contract with one or multiple tenants.

3) One tenant can rent multiple apartments from the same landlord.

4) One tenant can rent multiple apartments simultaneously.

5) A landlord can also be a tenant of another landlord.

Apartment

N

1

owns

Landlord

N

N

1

N

N

N

Belongs To

Choose

Contract

Building

Tenant