

Task 1:

Building a database for a real estate company to manage an apartment complex

Requirements:

- User(s):
 - Staff (leasing agent and manager) at the company
 - Comfortable with using computer
 - Familiar with customer service
 - Good knowledge in the properties owned and services provided by the company
- Tasks
 - Requirements
 - Ability to add/update tenant info in the db
 - Ability to add/update units (pricing, area, etc.) info in the db
 - Ability to add/update appliance info of each unit
 - Ability to manage amenities (swimming pool, conference room, etc.) reservations
 - Ability to add/update parking info in the db
- Data
 - Tables
 - Tenants
 - <key> tenantID
 - firstName
 - lastName
 - phoneNumber
 - emailAddress
 - Units
 - <key> unitID
 - pricing
 - area
 - Appliance

- <key> featureID
- unitID
- featureType
- installDate

■ Amenities

- <key> amenityID
- amenityType

■ Reservations

- <key> reservationID
- amenity
- renterID
- date
- duration

■ Parking

- <key>spaceID
- renterID
- vehicleMake
- vehicleColor
- plateNumber
- reservedSpace