

Database document

Notice: Fictitious Data for Demonstration Purposes

The data within this database is entirely fictitious and has been generated exclusively for demonstration and practice purposes. Any resemblance to real data is purely coincidental. This dataset does not represent real information about individuals, properties, or business entities. Use this data solely for experimentation, learning, and skill development in training environments.

Table Person

- **RegistrationNumber (INT):** Unique registration number for each person (primary key).
- **PersonType (VARCHAR(15)):** Type of person, can be 'NATURAL_PERSON' or 'LEGAL_PERSON'.
- **Name (VARCHAR(255)):** Name of the person.
- **Password (VARCHAR(255)):** Person's password.

Table PersonAddress

- **AddressID (VARCHAR(15)):** Unique identification of the address (primary key).
- **RegistrationPersonNumber (INT):** Registration number of the associated person foreign key referencing Person).
- **City (VARCHAR(255)):** City of the address.
- **ZipCode (VARCHAR(10)):** Postal code of the address.
- **District (VARCHAR(255)):** District of the address.
- **Street (VARCHAR(255)):** Street of the address.
- **Number (INT):** Address number.

Table Property

- **PropertyID (VARCHAR(15)):** Unique identification of the property (primary key).
- **PropertyType (VARCHAR(15)):** Type of property.
- **Description (VARCHAR(255)):** Description of the property. **TotalArea (FLOAT):** Total area of the property.
- **Price (FLOAT):** Price of the property.
- **RentValue (FLOAT):** Rental value.
- **Status (VARCHAR(15)):** Status of the property (e.g., 'FOR_SALE' or 'FOR_RENT').
- **FloorApart (INT):** Floor of the apartment.
- **FrontDimension (FLOAT):** Front dimension of the property.
- **SideDimension (FLOAT):** Side dimension of the property. **BuildingArea (FLOAT):** Built area of the property.
- **NumberApart (INT):** Apartment number.
- **BuildingName (VARCHAR(255)):** Building name (if applicable). **TotalRooms (INT):** Total number of rooms in the property.
- **ParkingSpaces (INT):** Number of parking spaces. **YearBuilt (INT):** Year the property was built.
- **TotalFloors (INT):** Total number of floors in the building.
- **CondominiumValue (FLOAT):** Condominium value.
- **DistanceOfCity (FLOAT):** Distance from the city.
- **ApartmentType (VARCHAR(10)):** Type of apartment (e.g., 'STUDIO', 'LOFT', 'STANDARD', etc.).

Table PropertyAddress

- **AddressID (VARCHAR(15)):** Unique identification of the address (primary key).
- **PropertyID (VARCHAR(15)):** Unique identification of the associated property (foreign key referencing Property).
- **City (VARCHAR(255)):** City of the address.
- **ZipCode (VARCHAR(10)):** Postal code of the address.
- **District (VARCHAR(255)):** District of the address.

Table Contact

- **ContactID (VARCHAR(15)):** Unique identification of the contact (primary key).
- **RegistrationPersonNumber (INT):** Registration number of the associated person (foreign key referencing Person).
- **Email (VARCHAR(255)):** Email address.
- **PhoneNumber (INT):** Phone number.

Table PropertyOwner

- **PropertyID (VARCHAR(15)):** Unique identification of the associated property (foreign key referencing Property).
- **RegistrationPersonNumber (INT):** Registration number of the associated person (foreign key referencing Person).

Table **Broker**

- **Ssn (INT):** Unique social security number for the broker (primary key).
- **Name (VARCHAR(255)):** Name of the broker.
- **Password (VARCHAR(255)):** Broker's password.

Table **BrokerAddress**

- **AddressID (VARCHAR(15)):** Unique identification of the address (primary key).
- **Ssn (INT):** Social security number of the associated broker (foreign key referencing **Broker**).
- **City (VARCHAR(255)):** City of the address.
- **ZipCode (VARCHAR(10)):** Postal code of the address.
- **District (VARCHAR(255)):** District of the address.
- **Street (VARCHAR(255)):** Street of the address.
- **Number (INT):** Address number.

Table **BrokerContact**

- **ContactID (VARCHAR(15)):** Unique identification of the contact (primary key).
- **Ssn (INT):** Social security number of the associated broker (foreign key referencing **Broker**).
- **Email (VARCHAR(255)):** Email address.
- **PhoneNumber (INT):** Phone number.