Data Dictionary

Building

Attribute Name	Data Type	Constraints	Description
Bld_Number	number(3)	Primary key	Number that identifies the building.
Floors	number(2)	Not null	How many floors the building has.
Nickname	varchar2(20)	Null	Nickname of building.
Value	number(10)	Not null	Value of building in U.S. dollars.
Construction_Year	number(4)	Not null	Year building was constructed.

Renovated_Building

Attribute Name	Data Type	Constraints	Description
Bld_Number	number(3)	Primary key	Number that identifies the building.
Renovated_Year	number(4)	Not null	Year building was renovated.

New_Building

Attribute Name	Data Type	Constraints	Description
Bld_Number	number(3)	Primary key	Number that identifies the building.
Permit_Number	number	Not null	Permit number for building construction.

Inspection

Attribute Name	Data Type	Constraints	Description
ID_Number	number	Primary key	ID number that identifies inspection.
First_Name	varchar2(8)	Not null	First name of inspector who conducted inspection.
Last_Name	varchar2(12)	Not null	Last name of inspector who conducted inspection.
Date	Date	Not null	Date of inspection.
Bld_Number	number(3)	Foreign key	Building that inspection was done on.
Comment	varchar2(15)	Not null	Comment by inspector.
Result	varchar2(6)	Must be "passed" or "failed".	Result of inspection; string must be "passed" or "failed".

Apartment

Attribute Name	Data Type	Constraints	Description
Apt_Number	number(3)	Primary key (composite)	Number that identifies apartment. Must have building number as well.
Bld_Number	number(3)	Primary key (composite), foreign key	Number that identifies building that apartment is in.
Direction_Facing	varchar2(5)	Not null	Direction apartment is facing.
Wood_Type	varchar2(20)	Not null	Type of wood used in design scheme.
Wallpaper_Style	varchar2(20)	Not null	Style of wallpaper used in design scheme.
Bathroom_Color	varchar2(20)	Not null	Color used in bathroom.
Carpet_Color	varchar2(20)	Not null	Color of carpet.
Appliance_Color	varchar2(20)	Not null	Color of appliance.
Letter	char(1)	Foreign key	Letter of floor plan that apartment has.
Bedrooms	number(1)	Foreign key	How many bedrooms the apartment has; this with "letter" designates the floor plan the apartment has, such as "1A", "2B", etc.

Special_Features

Attribute Name	Data Type	Constraints	Description
Apt_Number	number(3)	Primary key (composite), foreign key	Number that identifies apartment. Must have building number as well.
Bld_Number	number(3)	Primary key (composite), foreign key	Number that identifies building that apartment is in.
Special_Features	varchar2(40)	Primary key (composite)	Special feature that the apartment has, such as, "balcony", "covered parking spot", "poolside", "fireplace", etc.

Floor_Plan

Attribute Name	Data Type	Constraints	Description
Letter	char(1)	Primary key (composite)	Letter, that, taken with bedroom number, identify the floor plan.
Bedrooms	number(1)	Primary key (composite)	Number of bedrooms. Taken with "letter", identifies floor plan.
Bathrooms	number(1)	Not null	How many bathrooms the floor plan has.
Square_Feet	number(5)	Not null	Square footage of the floor plan.
Base_Price	number(5)	Not null	Base price of the floor plan. Used in calculation of rental price of apartment. Assumed to be in U.S. dollars.

Tenant

Attribute Name	Data Type	Constraints	Description
First_Name	varchar2(8)	Primary key (composite)	First name of tenant.
Middle_Initial	char(1)	Primary key (composite)	Middle initial of tenant.
Last_Name	varchar2(12)	Primary key (composite)	Last name of tenant.
Bld_Number	number(3)	Foreign key	Building that the tenant resides in.
Apt_Number	number(3)	Foreign key	Apartment number that the tenant resides in.
Credit_Score	number(3)	Must be between 300-850	Credit score of the tenant.
Income	number(6)	Not null	Monthly income of tenant.

References

Attribute Name	Data Type	Constraints	Description
First_Name	varchar2(8)	Primary key (composite), foreign key	First name of tenant.
Middle_Initial	char(1)	Primary key (composite), foreign key	Middle initial of tenant.
Last_Name	varchar2(12)	Primary key (composite), foreign key	Last name of tenant.
Reference	varchar2(15)	Primary key (composite)	Last name and phone number of reference of tenant.