Roms Booking

Data Dictionary

2021-01-22



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Legend

Primary key

Primary key disabled

User-defined primary key

Unique key

Unique key disabled

User-defined unique key

Active trigger

Disabled trigger

Primary key relation

User-defined primary key relation

Foreign key relation

User-defined foreign key relation

Input

Output

Input/Output

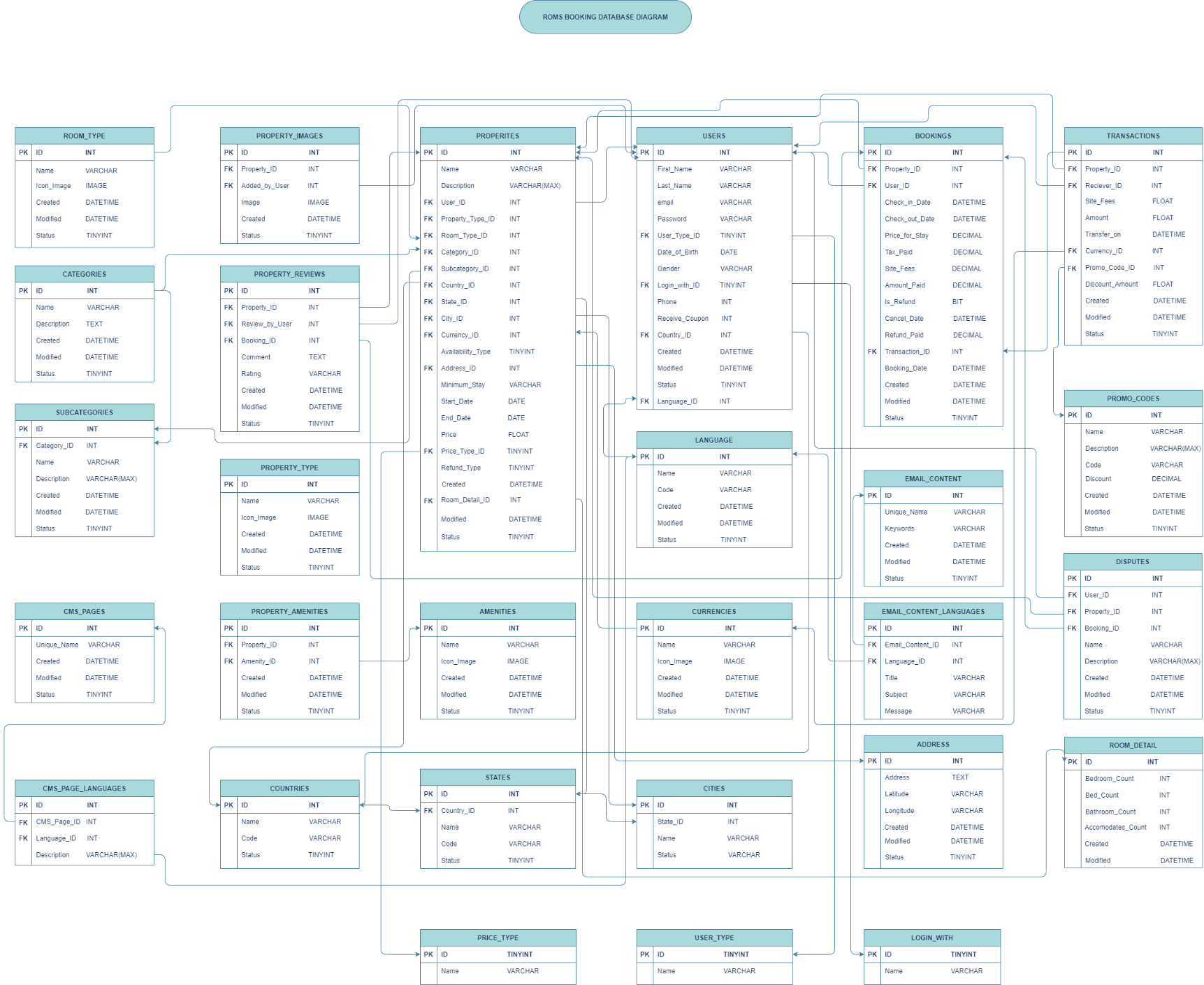
Nullable

1. Roms Bookings

This documentation is – Roms Booking- Microsoft SQL Server database. The Roms Booking database is organized with reference to the Airbnb site. Roms Booking database has been designed by taking into account the data needed by customers during their booking process.

This database is projected by Melek Laçin, Özge Özcan, Rukiye Demirci and Şule Kaya.

1. Booking Entity Relationships



1. Booking
   1. Tables
      1. Table: Address

Detailed address information of properties are stored at Address table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for address records.  Identity/Auto increment column |
|  | Address | NVARCHAR(500) |  | Address details |
|  | Latitude | NVARCHAR(200) |  | Latitude of the address |
|  | Longitude | NVARCHAR(200) |  | Longitude of the address |
|  | Created | DATETIME |  | Created date and time |
|  | Modified | DATETIME |  | Modified date and time |
|  | Status | STATUS |  | Status of the address |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Properties.Address\_ID=Address\_ID | FK\_ Address\_ID Foreign key constraint referencing Address.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Properties |

* + 1. Table: Amenities

It contains information about Amenities.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for amenities records. |
|  | Name | NVARCHAR(200) |  | Amenity Name |
|  | Icon\_Image | VARCHAR(MAX) |  | Amenity icon |
|  | Created | DATETIME |  | Date Created pated system |
|  | Modified | DATETIME |  | The date when Amenity renewed or corrected the system |
|  | Status | TINYINT |  | Status of the Amenity |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Property\_Amenities | PROPERTY\_AMENITIES.AMENITY\_ID=AMENTIES.ID | FK\_Property\_ Amenties.AMENITY\_ID  Foreign key constraint referencing AMENTIES.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 AMENTIES |
| 3 Property\_Amenities |

* + 1. Table: Bookings

The user's booking information UserID,amount paid,booking date is stored Bookings table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for bookings records.  Identity/Auto increment column |
|  | Property\_ID | INT |  | Property information  Foreign key to Properties table |
|  | UserID | INT |  | User information ID  Foreign key to Users table |
|  | Check\_In\_Date | DATETIME |  | Check in date |
|  | Check\_Out\_Date | DATETIME |  | Check out date |
|  | Price\_For\_Stay | FLOAT |  | Price for stay |
|  | Tax\_Paıd | FLOAT |  | Tax |
|  | Site\_Fees | FLOAT |  | Site fees |
|  | Amound\_Paid | FLOAT |  | Total payment |
|  | Is\_Refund | BIT |  | Refers to refund 1=No refund,0=Yes refund. |
|  | Cancel\_Date | DATETIME |  | Refers to whether user has any discount coupons 1=Yes,0=No |
|  | Refund\_Paid | FLOAT |  | Refers to the amount to be repaid. |
|  | Transaction\_ID | INT |  | Transaction information ID  Foreign key to Transactions table |
|  | Booking\_Date | DATETIME |  | Booking date |
|  | Created | DATETIME |  | Date bookings pated users |
|  | Modified | DATETIME |  | The date when booking renewed or corrected the users |
|  | Status | TINYINT |  | Status of the booking |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Propeties | Bookings.Property\_ID=Property.ID | FK\_ Bookings.Property\_ID  Foreign key constraint referencing Property.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | Bookings\_UserID=Users.ID | FK\_ Bookings\_UserID  Foreign key constraint referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Transactions | Bookings.Transaction\_ID=Transactions.ID | FK\_ Bookings.Transaction\_ID  Foreign key constraint referencing Transactions.ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Bookings.ID=Property\_Reviews.Booking\_ID | FK Property\_Reviews.Booking\_ID Foreign key constraint referencing Bookings.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Disputes | Bookings.ID = Disputes.Booking\_ID | FK\_ Disputes.Booking\_ID Foreign key constraint referencing Bookings.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Bookings |
| 3 Property\_Reviews |
| 3 Disputes |

* + 1. Table: Categories

Keeping information of category types for properties and subcategories table

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for categories records  Identity/ Auto increment column |
|  | NAME | NVARCHAR(200) | N | Category name |
|  | DESCRIPTION | NVARCHAR(MAX) | N | Defining categories |
|  | CREATED | DATETIME | N | The creation date of categories |
|  | MODIFIED | DATETIME | N | Update date ıf categories |
|  | STATUS | TINYINT |  | Categories status |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Subcategories | Categories.ID = Subcategories.Category\_ID | FK\_Subcategories\_Categories\_Category\_ID  Foreign key constraint referencing Categories.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Categories.ID = Properties.Category\_ID | FK\_Properties\_Categories\_Category\_ID  Foreign key constraint referencing Categories.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Categories\_ID  Primary key(clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3Categories |
| 3 Subcategories |
| 3 Properties |

* + 1. Table: Cities

It contains information about cities

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for cities records.  Identity/Auto increment column |
|  | State\_ID | INT |  | State\_ID  Foreign key to States table |
|  | Name | NVARCHAR(200) |  | C,ty |
|  | Status | TINYINT |  | Status of the city |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | States | Cities.State\_ID=States. ID | FK\_ Cities.State\_ID  Foreign key constraint referencing States. ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Cities. ID=Properties.City\_ID | FK\_ Properties.City\_ID  Foreign key constraint referencing Cities. ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Cities |
| 3 Properties |

* + 1. Table: Cms Page Languages

It is the table that keeps the information in which languages the CMS pages are available.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for CMS Pages Language records.  Identity/Auto increment column |
|  | CMS\_PAGE\_ID | INT |  | Unique identification number for CMS pages types.  Foreign key to CMS Page table |
|  | LANGUAGE\_ID | INT |  | Unique identification number for language on the CMS pages.  Foreign key to Language table |
|  | DESCRIPTION | NVARCHAR(MAX) | N | Defining to CMS pages |

Links To

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | CMS\_PAGES | CMS\_Page\_Language.CMS\_  Page\_ID = CMS\_Page.ID | FK\_CMS\_Page\_Language\_CMS\_Page\_ID\_CMS\_Page\_ID  Foreign key constraint referencing CMS\_Pages.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | LANGUAGE | CMS\_Page\_Language.  Language\_ID = Language.ID | FK\_ CMS\_Page\_Language\_Language\_ID  Foreign key constraint referencing Language.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_CMS\_Page\_Language\_ID  Primary key (clustered) index |

Uses

|  |
| --- |
| Name |
| 3CMS\_Page\_Language |
| 3 CMS\_Page |
| 3 Language |

* + 1. Table: Cms Pages

It is a tablet hat keeps information about content management pages

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for CMS Pages records.  Identity/Auto increment column |
|  | NAME | NVARCHAR(200) | N | Cms pages the name |
|  | CREATED | DATETIME | N | The names of the types of CMS pages |
|  | MODIFIED | DATETIME | N | Date of creation of CMS pages |
|  | STATUS | TINYINT |  | Indicates of status of CMS pages |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | CMS\_Page\_Language | CMS\_Pages.ID = CMS\_Pages\_Language\_CMS\_Page\_ID | FK\_CMS\_Page\_Language\_CMS\_Page\_CMS\_Page\_ID  Foreign key constraint referencing CMS\_Pages.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_CMS\_Pages\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3CMS\_Pages |
| 3 CMS\_Page\_Language |

* + 1. Table: Countries

It contains information about countries.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for cities records.  Identity/Auto increment column |
|  | Name | NVARCHAR(200) |  | Country Name |
|  | Code | NVARCHAR(10) |  | Country Code |
|  | Status | TINYINT |  | Status of the country |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | STATES | STATES.COUNTRY\_ID=COUNTRIES.ID | FK\_States.COUNTRY\_ID  Foreign key constraint referencing COUNTRIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | USERS | USERS.COUNTRY\_ID=COUNTRIES.ID | FK\_USERS.COUNTRY\_ID  Foreign key constraint referencing COUNTRIES.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 COUNTRIES |
| 3 STATES |
| 3 USERS |

* + 1. Table: Currencies

It contains information about currencies.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for currencies records.  Identity/Auto increment column |
|  | Name | NVARCHAR(200) |  | Currency name |
|  | Icon\_Image | VARCHAR(MAX) |  | Currency icon |
|  | Created | DATETIME |  | Date currency pated system |
|  | Modified | DATETIME |  | The date when currency renewed or corrected the system |
|  | Status | TINYINT |  | Status of the currency |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Currencies.ID=Properties.Currency\_ID | FK\_ Properties.Currency\_ID Foreign key constraint referencing Currencies.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Transactions | Currencies.ID = Transactions.Currency\_ID | FK\_ Transactions.Currency\_ID Foreign key constraint referencing Currencies.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Currencies |
| 3 Properties |
| 3 Transactions |

* + 1. Table: Disputes

Details of disputes of the properties are stored at Disputes table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for disputes records.  Identity/Auto increment column |
|  | USERID | INT |  | USERID Foreign key to Users table |
|  | PROPERTY\_ID | INT |  | Property ID Foreign Key to Properties table |
|  | BOOKING\_ID | INT |  | Booking ID Foreign Key to Bookings table |
|  | NAME | NVARCHAR(200) |  | Short description for dispute |
|  | DESCRIPTION | NVARCHAR(MAX) |  | Description of dispute |
|  | CREATED | DATETIME |  | Created date and time |
|  | MODIFIED | DATETIME |  | Modified date and time |
|  | STATUS | TINYINT |  | Status of the dispute |

Linked from

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Disputes.Property\_ID=Properties.ID | FK Disputes.Property\_ID Foreign key constraint referencing Properties.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | Disputes.USERID=Users.ID | FK\_Disputes.USERID Foreign key constraint referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Bookings | Disputes.Booking\_ID=Bookings.ID | FK\_ Disputes.Booking\_ID Foreign key constraint referencing Bookings.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

* + 1. Table: Email Content

It contains information about emails.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for email content records.  Identity/Auto increment column |
|  | Unique\_Name | NVARCHAR(200) |  | Email content name |
|  | Keywords | NVARCHAR(200) |  | Email keywords |
|  | Created | DATETIME |  | Date email contents pated system |
|  | Modified | DATETIME |  | The date when email contents renewed or corrected the system |
|  | Status | TINYINT |  | Status of the email content |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Email\_Content\_Languages | Email\_Content.ID= Email\_Content\_Languages.Email\_Content\_ID | FK\_Email\_Content\_Languages.Email\_Content\_ID Foreign key constraint referencing Email\_Content.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Email\_Content |
| 3 Email\_Content\_Languages |

* + 1. Table: Email Content Languages

It contains information about cities

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for email records.  Identity/Auto increment column |
|  | Email\_content\_id | INT |  | Email content id, Foreign Key to Email content table |
|  | Language\_id | INT |  | Language id, Foreign Key to Language table |
|  | Title | NVARCHAR(100) |  | Title of the email |
|  | Subject | NVARCHAR(100) |  | Subject of the email |
|  | Message | NVARCHAR(500) |  | Message |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Email\_content | Email\_content\_ID=Email\_content.ID | FK\_ Email\_content\_ID Foreign key constraint referencing Email\_content. ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Language | Email\_content\_language.Language\_id=Language.id | FK\_Language\_ID Foreign key constraint referencing Language.id |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

* + 1. Table: Language

Information on languages ​​spoken in the countries and in-system software languages ​​can be found in the Language table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for language records.  Identity/Auto increment column |
|  | Name | NVARCHAR(200) |  | Language name |
|  | Code | NVARCHAR(20) |  | Refers to the abbreviated name of the language. |
|  | Created | DATETIME |  | Date language pated system |
|  | Modified | DATETIME |  | The date when language renewed or corrected the system |
|  | Status | TINYINT |  | Status of the language |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | Language.ID=Users.Language\_ID | FK\_Users.Language\_ID Foreign key constraint referencing Language.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Email\_Content\_Languages | Language.ID = Email\_Content\_Languages. Language\_ID | FK\_ Email\_Content\_Languages. Language\_ID Foreign key constraint referencing Language.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Cms\_Page\_Language | Language.ID = Cms\_Page\_Language. Language\_ID | FK\_ Cms\_Page\_Language. Language\_ID Foreign key constraint referencing Language.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Language |
| 3 Users |
| 3 Email\_Content\_Languages |
| 3 Cms\_Page\_Languages |

* + 1. Table: Login With

Information that the keeps track of which tools users log in

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | TINYINT |  | Primary key for price type records.  Identity/Auto increment column |
|  | NAME | NVARCHAR(50) |  | Names of log in |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | Log\_With.ID = Users.Log\_With\_ID | FK\_Users\_Log\_With\_ID  Foreign key constraint referencing Log\_With.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Log\_With\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Log\_With |
| 3 Users |

* + 1. Table: Price Type

It is a table contains information about payment types

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | TINYINT |  | Primary key for price type records.  Identity/Auto increment column |
|  | NAME | NVARCHAR(50) |  | Names of payment types |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Price\_Type.ID = Properties.Price\_Type\_ID | FK\_Properties\_Price\_Type\_ID  Foreign key constraint referencing Price\_Type.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Price\_Type\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Price\_Types |
| 3 Properties |

* + 1. Table: Properties

This table give information about property of about everything users can choose.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for properties records.  Identity/Auto increment column |
|  | NAME | NVARCHAR(200) |  | Property Name |
|  | Description | NVARCHAR(MAX) |  | Descriptions of Properties |
|  | User\_ID | INT |  | User information ID  Foreign key to Users table |
|  | Property\_type\_ID | INT |  | Property Type information ID  Foreign key to Property\_type table |
|  | Room\_type\_ID | INT |  | Room Type information ID  Foreign key to Room\_type table |
|  | Category\_ID | INT |  | Category information ID  Foreign key to Category table |
|  | Subcategory\_ID | INT |  | Subcategory information ID  Foreign key to Subcategory table |
|  | Country\_ID | INT |  | Country information ID  Foreign key to Country table |
|  | State\_ID | INT |  | State information ID  Foreign key to State table. |
|  | City\_ID | INT |  | State information ID  Foreign key to STATE table |
|  | Currency\_ID | INT |  | Currency information ID  Foreign key to Currency table |
|  | Room\_Detail\_ID | INT |  | Room detail information ID  Foreign key to Room\_detail table |
|  | Addres\_ID | INT |  | Address information ID  Foreign key to Address table |
|  | AVAILABİLİTY | TINYINT |  | Refers to availability 1=Yes available,0=No not available |
|  | Start\_DATE | DATE |  | Date of start use this property |
|  | End\_DATE | DATE |  | Date of end use this property |
|  | Price | FLOAT |  | Price for this properties |
|  | Price\_Type\_ID | TINYINT |  | User’s price type |
|  | Refund\_Type | TINYINT |  | Refund type about this property |
|  | Minimum\_Stay | INT |  | User minimum stay time(as day) |
|  | Created | DATETIME |  | Date properties pated users |
|  | Modified | DATETIME |  | The date when propertiesrenewed or corrected the users |
|  | Status | TINYINT |  | Status of the property |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | User\_ID | PROPERTIES.USER\_ID=USER.ID | FK\_ Properties.User\_ID  Foreign key constraint referencing USER.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Property\_type\_ID | PROPERTIES.Property\_Type\_ID=PROPERTY\_TYPE.ID | FK\_ Properties. Property\_type\_ID  Foreign key constraint referencing PROPERTY\_TYPE.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Room\_type\_ID | PROPERTIES.Room\_Type\_ID=ROOM\_TYPE.ID | FK\_ Properties. Room\_type\_ID  Foreign key constraint referencing ROOM\_TYPE.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Category\_ID | PROPERTIES.Category\_ID=CATEGORIES.ID | FK\_ Properties. Category\_ID  Foreign key constraint referencing CATEGORIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Subcategory\_ID | PROPERTIES.Sub\_Category\_ID=SUBCATEGORIES.ID | FK\_ Properties. Subcategory\_ID  Foreign key constraint referencing SUBCATEGORIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Country\_ID | PROPERTIES.COUNTRY\_ID=COUNTRIES.ID | FK\_ Properties. Country\_ID  Foreign key constraint referencing COUNTRIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | State\_ID | PROPERTIES.STATE\_ID=STATE.ID | FK\_ Properties. State\_ID  Foreign key constraint referencing STATE.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | City\_ID | PROPERTIES.CITY\_ID=CITIES.ID | FK\_ Properties. City\_ID  Foreign key constraint referencing CITIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Currency\_ID | PROPERTIES.CURRENCY\_ID=CURRENCIES.ID | FK\_ Properties. Currency\_ID  Foreign key constraint referencing CURRENCIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Room\_Detail\_ID | PROPERTIES.ROOM\_DETAIL\_ID=ROOM\_DETAIL.ID | FK\_ Properties. Room\_Detail\_ID  Foreign key constraint referencing ROOM\_DETAIL.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Address\_ID | PROPERTIES.Address\_ID=ADDRESS.ID | FK\_ Properties. Address\_ID  Foreign key constraint referencing ADDRESS.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Price\_Type\_ID | PROPERTIES.Price\_Type\_ID=PRICE\_TYPE.ID | FK\_ Properties. Price\_Type\_ID  Foreign key constraint referencing PRICE\_TYPE.ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Property\_Amenities | PROPERTIES.ID=PROPERTY\_AMENITIES.PROPERTY\_ID | FK\_ Property\_Amenities.PROPERTY\_TYPE Foreign key constraint referencing PROPERTIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Property\_Images | PROPERTIES.ID=PROPERTY\_IMAGES.PROPERTY\_ID | FK\_ Property\_Images.PROPERTY\_TYPE Foreign key constraint referencing PROPERTIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | TRANSACTIONS | PROPERTIES.ID=TRANSACTIONS.PROPERTY\_ID | FK\_ TRANSACTIONS.PROPERTY\_TYPE Foreign key constraint referencing PROPERTIES.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 PROPERTIES |
| 3 Property\_Amenities |
| 3 Property\_Images |
| 3 TRANSACTIONS |

* + 1. Table: Promo Codes

Details of the promotion codes are stored by table Promo\_codes.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for promo codes’ records.  Identity/Auto increment column |
|  | Name | NVARCHAR(200) |  | Promo code name |
|  | Description | NVARCHAR(MAX) |  | Code description |
|  | Code | VARCHAR(10) |  | Promo Code |
|  | Discount | FLOAT |  | Discount amount |
|  | Created | DATETIME |  | Created date and time |
|  | Modified | DATETIME |  | Modified date and time |
|  | Status | TINYINT |  | Status of the promo code |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Transactions | Promo\_codes.ID = Transactions.Promo\_code\_ID | FK\_ Transactions.Promo\_code\_ID Foreign key constraint referencing Promo\_codes.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Transactions |

* + 1. Table: Property Amenities

This table give information about Properties of Amenities. It has connections with PROPERTIES and AMENTIES table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for property of amenties. |
|  | PROPERTY\_ID | INT |  | It links Properties table |
|  | AMENITY\_ID | INT |  | It links Amentiy Table |
|  | Created | DATETIME |  | Date language pated system |
|  | Modified | DATETIME |  | The date when language renewed or corrected the system |
|  | Status | TINYINT |  | Status of the language |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | PROPERTIES | PROPERTY\_AMENTIES.PROPERTY\_ID=PROPERTIES.ID | FK\_Property\_Amenities.PROPERTY\_ID  Foreign key constraint referencing PROPERTIES.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | AMENTIES | PROPERTY\_AMENTIES.AMENITY\_ID=AMENTIES.ID | FK\_Property\_Amenities.AMENITY\_ID  Foreign key constraint referencing AMENTIES.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 PROPERTY\_AMENITIES |

* + 1. Table: Property Images

It is the table where the image information of the property table is kept.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for property images records.  Identity/Auto increment column |
|  | PROPERTY\_ID | INT |  | Unique identification number for properties information.  Foreign key to properties table |
|  | ADDED\_BY\_USER | NVARCHAR(200) | N | To indicate which user added |
|  | IMAGE | NVARCHAR(MAX) | N | Properties the pictures |
|  | CREATED | DATETIME | N | The date the property image was created |
|  | STATUS | TINYINT | N | Property images for status |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Property\_Images.Property\_ID= Properties.ID | FK\_Property\_Images\_Property\_ID  Foreign key constraint referencing Properties.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/ Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Property\_Images\_ID  Primary key (clustered) index |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\4.png | ADDED\_BY\_USER | IX\_Property\_Images\_ ADDED\_BY\_USER  Nonclustered index |

Uses

|  |
| --- |
| Name |
| 3 Property\_Images |
| 3 Properties |

* + 1. Table: Property Reviews

Table with user’s opinions

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for property review records.  Identity/Auto increment column |
|  | PROPERTY\_ID | INT |  | Unique identification number for properties information.  Foreign key to properties table |
|  | REVIEW\_BY\_USER | NVARCHAR(200) | N | Names of users who post comments |
|  | BOOKING\_ID | INT |  | Unique identification number for bookings information.  Foreign key to bookings table |
|  | COMMENT | NVARCHAR(MAX) | N | Users comments |
|  | RATING | TINYINT | N | The vote by users on the evaluation results |
|  | CREATED | DATETIME | N | Date users pated comments |
|  | MODIFIED | DATETIME | N | The date when users renewed or corrected the comment |
|  | STATUS | TINYINT |  | Status of the comments |

Links To

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Property\_Review.Propert\_ID = Properties.ID | FK\_Property\_Review\_Property\_Propety\_ID  Foreign key constraint referencing Properties.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Booking | Property\_Review.Booking\_ID  = Booking.ID | FK\_ Property\_Review\_Bookıngs\_Booking\_ID  Foreign key constraint referencing Booking.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Propert\_Review\_ID  Primary key (clustered) constraint |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\4.png | REVIEW\_BY\_USER | IX\_Property\_Review\_REVIEW\_BY\_USER  Nonclustered index |

Uses

|  |
| --- |
| Name |
| 3Property\_Images |
| 3Properties |
| 3 Bookings |

* + 1. Table: Property Type

It contains information about property type.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for property type records. |
|  | Name | NVARCHAR(200) |  | Property Type Name |
|  | Icon\_Image | VARCHAR(MAX) |  | Property Type icon Image Url |
|  | Created | DATETIME |  | Date Created pated system |
|  | Modified | DATETIME |  | The date when property type renewed or corrected the system |
|  | Status | TINYINT |  | Status of the property type |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | PROPERTIES | PROPERTIES.PROPERTY\_TYPE.ID=PROPERTY\_TYPE.ID | FK\_PROPERTIES.PROPERTY\_TYPE\_ID Foreign key constraint referencing PROPERTY\_TYPE.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 PROPERTY\_TYPE |
| 3 PROPERTIES |

* + 1. Table: Room Detail

It contains information about rooms’ details like number of bedroom, number of bathroom etc.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for room detail.  Identity/Auto increment column |
|  | Bedroom\_count | INT |  | Number of bedrooms |
|  | Bed\_count | INT |  | Number of beds |
|  | Bathroom\_count | INT |  | Number of bathrooms |
|  | Accomodates\_count | INT |  | Number of accomodates |
|  | Created | DATETIME |  | Created date and time |
|  | Modified | DATETIME |  | Modified date and time |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Room\_detail.ID=Properties.Room\_Detail\_ID | FK\_ Room\_detail.ID Foreign key constraint referencing Properties.Room\_Detail\_ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Properties |

* + 1. Table: Room Type

Room information for properties table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for categories records  Identity/ Auto increment column |
|  | NAME | NVARCHAR(100) | N | Room name |
|  | ICON\_IMAGE | NVARCHAR(MAX) | N | Icon of room images |
|  | CREATED | DATETIME | N | The date the room was put into service |
|  | MODIFIED | DATETIME | N | Renovation or modification date in the room |
|  | STATUS | TINYINT |  | Room condition |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Properties.Room\_Type\_ID = Room\_Type.ID | FK\_Properties\_Room\_Type\_Room\_Type\_ID  Foreign key constraint referencing Room\_Type.ID |

Unique keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Room\_Type\_ID  Primary key (clustered) constraint |
|  | Name | IX\_Room\_Type\_Name  Nonclustered index |

Used by

|  |
| --- |
| Name |
| Room\_Type |
| Properties |

* + 1. Table: States

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for state record |
|  | COUNTRYID | INT |  | It use for linking CONTRIES table |
|  | NAME | INT |  | Name of the STATES |
|  | CODE | DATETIME |  | Code of the STATES |
|  | STATUS | DATETIME |  | Status of the STATES |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | COUNTRIES | STATE.COUNTRY\_ID=COUNTRY.ID | FK\_State.COUNTRY\_ID  Foreign key constraint referencing COUNTRIES.ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | CITIES | STATE.ID=CITIES.STATE\_ID | FK\_ cities.State\_ID  Foreign key constraint referencing State.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 STATES |
| 3 CITIES |

* + 1. Table: Subcategories

The table where the subcategory information about the category is kept

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for subcategories records.  Identity/Auto increment column |
|  | CATEGORY\_ID | INT |  | Unique identification number of category types.  Foreign key to category\_ID int Categories table |
|  | NAME | NVARCHAR(200) | N | Subcategory name |
|  | DESCRIPTION | NVARCHAR(MAX) | N | Defining for subcategories |
|  | CREATED | DATETIME | N | Cretion date for subcategories |
|  | MODIFIED | DATETIME | N | Renewal date for subcategories |
|  | STATUS | TINYINT |  | The status for subcatefories |

Links To

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Categories | Subcategories.Categor\_ID = Categories.ID | FK\_Subcategories\_Categories\_Category\_ID  Foreign key constraint referencing Categories.ID |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Subcategories.ID = Properties.Subcategory\_ID | FK\_Properties\_Subcategories\_Subcategory\_ID  Foreign key constraint referencing Subcategories.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/ Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_Subcategorıes\_ID  Primary key (clustered) constraint |

Uses

|  |
| --- |
| Name |
| 3Subcategories |
| 3 Categories |

Used By

|  |
| --- |
| Name |
| 3Subcategories |
| 3Properties |

* + 1. Table: Transactions

To store transactions’ details like site fees, amount of the stay or discount and their processing dates, we use table ‘Transactions’.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for transactions ID.  Identity/Auto increment column |
|  | PROPERTY\_ID | INT |  | Property id, Foreign Key to Properties table |
|  | USERID | INT |  | Userid, Foreign Key to Users table |
|  | SITE\_FEES | FLOAT |  | Email address |
|  | AMOUNT | FLOAT |  | Amount of the room or house |
|  | TRANFER\_ON | DATETIME |  | Date of transfer |
|  | CURRENCY\_ID | INT |  | Currency id, Foreign Key to Currencies table |
|  | PROMO\_CODE\_ID | INT |  | Promocode id, Foreign Key to Promo codes table |
|  | DISCOUNT\_AMOUNT | FLOAT |  | Amount of discount |
|  | CREATED | DATETIME |  | Created date and time |
|  | MODIFIED | DATETIME |  | Modified date and time |
|  | STATUS | TINYINT |  | Status of the transaction |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Transactions.Property\_ID=Properties.ID | FK\_ Transactions.Property\_ID  Foreign key constraint referencing Properties Properties.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | Transactions.USERID=Users.ID | FK\_ Transactions.USERID  Foreign key constraİnt referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Currencies | Transactions.Currency\_ID=Currencies.ID | FK\_ Transactions.Currency\_ID  Foreign key constraint referencing Currencies.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Promo\_codes | Transactions.Promo\_code\_id=Promo\_codes.ID | FK\_ Transactions.Promo\_code\_id  Foreign key constraint referencing Promo\_codes.ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Bookings | Transactions.ID=Bookings.Transaction\_ID | FK TRANSACTION\_ID Foreign key constraint referencing Transactions.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Bookings |

* + 1. Table: User Type

Indicate the types of users.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | TINYINT |  | Primary key for user type records.  Identity/Auto increment column |
|  | NAME | NVARCHAR(50) |  | Names of user type |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Users | User\_Type.ID = Users.User\_Type\_ID | FK\_Users\_User\_Type\_ID  Foreign key constraint referencing User\_Type.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_User\_Type\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 User\_Type |
| 3 Users |

* + 1. Table: Users

The user's information such as name, surname, the phone is stored Users table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | INT |  | Primary key for user records.  Identity/Auto increment column |
|  | First\_Name | NVARCHAR(200) |  | User real name |
|  | Last\_Name | NVARCHAR(200) |  | User surname |
|  | Email | NVARCHAR(200) |  | Email address |
|  | Password | NVARCHAR(30) |  | Users’ password |
|  | User\_Type\_ID | TINYINT |  | Old user,new user,active or inactive  Foreign key to User\_Type table |
|  | Birthday | DATE |  | Date of birth |
|  | Gender | CHAR(7) |  | Male and Female |
|  | Login\_With\_ID | TINYINT |  | Network login  Foreign key to Login\_with table |
|  | Phone | CHAR(12) |  | Contact number with the user |
|  | Receive\_Coupon | INT |  | Refers to whether user has any discount coupons 1=Yes,0=No |
|  | Country\_ID | INT |  | It refers country ıd in database  Foreign key to Countries table |
|  | Created | DATETIME |  | Date users pated users |
|  | Modified | DATETIME |  | The date when users renewed or corrected the users |
|  | Status | TINYINT |  | Status of the users |
|  | Language\_ID | INT |  | It refers language ıd in database  Foreign key to Languages table |

Linked From

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | User\_Type | Users.User\_Type\_ID=User\_Type.ID | FK\_ Users.User\_Type\_ID  Foreign key constraint referencing User\_Type.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Login\_with | Users.Login\_With\_ID=Login\_with.ID | FK\_ Users.Login\_With\_ID  Foreign key constraint referencing Login\_with.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Countries | Users.Country\_ID=Countries.ID | FK\_ Users.Country\_ID  Foreign key constraint referencing Countries.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Language | Users.Language\_ID=Language.ID | FK\_ Users.Language\_ID  Foreign key constraint referencing Language.ID |

Links to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Table | Join | Title/Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Properties | Users.ID=Properties.User\_ID | FK Properties.User\_ID Foreign key constraint referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Bookings | Users.ID = Bookings.User\_ID | FK\_ Bookings.User\_ID Foreign key constraint referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Disputes | Users.ID = Disputes.User\_ID | FK\_ Disputes.User\_ID Foreign key constraint referencing Users.ID |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2.png | Transactions | Users.ID =Transactions.UserID | FK\_ Transactions.UserID Foreign key constraint referencing Users.ID |

Unique Keys

|  |  |  |
| --- | --- | --- |
|  | Columns | Name/Description |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\IE\DOOYRX7J\16165-illustration-of-a-gold-key-pv[1].png | ID | PK\_ID  Primary key (clustered) constraint |

Used By

|  |
| --- |
| Name |
| 3 Users |
| 3 Properties |
| 3 Bookings |

* 1. Views

3.2.1. View: Reservation Information By Month

Joins transactions,users tables with booking table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | B.BOOKING\_DATE | DATETIME |  | Booking date in the booking table |
|  | T.AMOUNT | FLOAT |  | Amount column in the transactions |
|  | T.SITE\_ FEES | FLOAT |  | Site fees column in the transactions |
|  | U.ID | INT |  | ID of the users table |
|  | B.ID | INT |  | ID of the booking table |

3.2.2. View: Reservation Features Detailed

Joins subcategories,properties,property\_type,categorıes tables with booking table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | C.NAME\_ | NVARCHAR(200) |  | Category name |
|  | S.NAME | NVARCHAR(200) |  | Subcategoris name |
|  | P.NAME | NVARCHAR(200) |  | Properties name |
|  | PT.NAME | NVARCHAR(200) |  | Property type name |
|  | B.BOOKING\_DATE | DATETIME |  | Booking date in the booking table |
|  | B.ID | INT |  | ID of the booking table |
|  | B.PRICE\_FOR\_STAY | FLOAT |  | Prıce fors tay column in the bookin table |
|  | B.SITE\_FES | FLOAT |  | Site Fees column in the booking table |

3.2.3. View: VW\_PET\_PROPERTY

The table shows the properties which allows pets and the country of these properties.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Country | NVARCHAR(200) |  | The country of the property |
|  | Property | NVARCHAR(200) |  | Property type |
|  | Amenity | NVARCHAR(200) |  | ‘Pets live on this property’ |

3.2.4. View: dbo.YoungUsers

It shows the ıd,name, last name,gender and age.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Auto increment column |
|  | First\_Name | NVARCHAR(200) |  |  |
|  | Last\_Name | NVARCHAR(200) |  |  |
|  | Gender | CHAR(7) |  |  |
|  | Age | INT |  |  |

3.2.5. View: dbo.AMOUNT\_PAID\_500PLUS

The table shows the name from Properties table, the id,name, last name and gender from Users table,id from Booking table and name from Country table.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Auto increment column |
|  | Property\_Name | NVARCHAR(200) |  |  |
|  | User\_ID | INT |  |  |
|  | First\_Name | NVARCHAR(200) |  |  |
|  | Last\_Name | NVARCHAR(200) |  |  |
|  | Gender | CHAR(7) |  |  |
|  | Booking\_ID | INT |  |  |
|  | Country\_Name | NVARCHAR(200) |  |  |

3.2.6. View: dbo.BOOKING\_AND\_CUSTOMERS\_LIST

The table shows id,first name and last name from Users table,check in-check out day and amount paid from Bookings table. Includes bookings made by users and payment information to them.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Auto increment column |
|  | First\_Name | NVARCHAR(200) |  |  |
|  | Last\_Name | NVARCHAR(200) |  |  |
|  | Check\_in\_Date | DATETIME |  |  |
|  | Check\_out\_Date | DATETIME |  |  |
|  | Amount\_Paid | FLOAT |  |  |

3.2.7. View: Booking\_Count

The table shows id and booking count from view of Booking and Customers List.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Auto increment column |
|  | Booking\_Count | INT |  |  |

3.2.8. View: UK\_MESSAGES

Contains information from e-mails sent by UK-English.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Auto increment column |
|  | Subject | NVARCHAR(100) |  |  |
|  | Keywords | NVARCHAR(MAX) |  |  |
|  | Message | NVARCHAR(500) |  |  |
|  | Name | NVARCHAR(200) |  |  |

* 1. Procedures

3.3.1. Procedure: Reservation By Months

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | BASAY | INT |  | Input parameter for the stored procedure booking Inserted  Enter a valid basay from the booking table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | ENDAY | INT |  | Input parameter for the stored procedure booking Inserted  Enter a valid enday from the booking table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | BOOKING\_DATE | INT |  | output parameter for the stored procedure booking Inserted  Enter a valid booking\_date name column of the booking table |

3.3.2. Procedure: User Login Control

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | FIRSTNAME | NVARCHAR(200) |  | Input parameter for the stored procedure booking Inserted  Enter a valid basay from the booking table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | SIFRE | INT |  | Input parameter for the stored procedure booking Inserted  Enter a valid enday from the booking table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | VAR | INT |  | output parameter for the stored procedure |

3.3.3. Procedure: Search by dates

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | START\_DATE | DATE |  | Input parameter for the stored procedure properties Inserted  Enter a valid start\_date from the properties table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | END\_DATE | DATE |  | Input parameter for the stored procedure properties Inserted  Enter a valid end\_date from the properties table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | KONUM1 | NVARCHAR(200) |  | output parameter for the stored procedure countries Inserted  Enter a valid konum1 name column of the countries table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | KONUM2 | NVARCHAR(200) |  | output parameter for the stored procedure cities Inserted  Enter a valid konum2 name column of the cities table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | KONUM3 | NVARCHAR(200) |  | output parameter for the stored procedure states Inserted  Enter a valid konum3 name column of the states table |

3.3.4. Procedure: Transaction Inserted

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | ID | INT |  | Input parameter for the stored procedure Transactions Inserted  Enter a valid ID from the transactions table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | USER\_ID | INT |  | Input parameter for the stored procedure Transactions Inserted  Enter a valid user\_ıd from the transactions table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | TRANSFER\_ON | DATETIME |  | Input parameter for the stored procedure Transactions Inserted  Enter a valid transfer on from the transactions table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | AMOUNT | FLOAT |  | Input parameter for the stored procedure Transactions Inserted  Enter a valid amount from the transactions table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | STATUS | TINYINT |  | Input parameter for the stored procedure Transactions Inserted  Enter a valid status from the transactions table |

3.3.5. Procedure: stpInsertPromoCode

It is used for inserting new promo code informations.

Input/Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description/Attributes |
|  | ID | INT | Input parameter for the stored procedure for ID |
|  | NAME | NVARCHAR(200) | Input parameter for the stored procedure for Name of the promo code |
|  | DESCRIPTION | NVARCHAR(MAX) | Input parameter for the stored procedure for Description of the promo code |
|  | CODE | VARCHAR(10) | Input parameter for the stored procedure for Code |
|  | DISCOUNT | FLOAT | Input parameter for the stored procedure amount of the discount |
|  | CREATED | DATETIME | Input parameter for the stored procedure created datetime of the promo code |
|  | MODIFIED | DATETIME | Input parameter for the stored procedure modified datetime of the promo code |
|  | STATUS | TINYINT | Input parameter for the stored procedure to status |

3.3.6. Procedure: dbo.sp\_amenities\_availability

It is used to search easily the key word and show the related informations regarding the key Word.

Input/Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description |
|  | Amenity\_Name | NVARCHAR(200) | Amenity name that is searched by keyword |
|  | Property\_ID | INT | Output parameter |
|  | Property\_Status | TINYINT | Output parameter |
|  | Property\_Address\_ID | INT | Output parameter |
|  | Property\_Description | NVARCHAR(MAX) | Output parameter |
|  | Property\_Price | FLOAT | Output parameter |
|  | Country\_name | NVARCHAR(200) | Output parameter |

3.3.7. Procedure: dbo.sum\_salaries

It is used for finding users by their Surname.

Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description |
|  | p\_sum | INTEGER | Output parameter for the stored procedure dbo.sum\_salaries. User can see this value on screen. It finds by this stored procedure |

3.3.8. Procedure: dbo.CheckRoomAvailability

Input/Output

It used for finding available room acoording bed,bedroom,bathroom count. Values enter by user

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description/Attributes |
|  | Created | DATETIME | Input parameter for the stored procedure for a created time. User enter a valid date and time |
|  | Modified | DATETIME | Input parameter for the stored procedure for a created time. User enter a valid date and time |
|  | BedCount | INT | Input parameter for the stored procedure to calculate total Bed Count according user |
|  | BedRoomCount | INT | Input parameter for the stored procedure to calculate total Bedroom Count according user |
|  | BathroomCount | INT | Input parameter for the stored procedure to calculate total Bathroom Count according user |

3.3.9. Procedure: dbo.SalesTarget

If the total, non-canceled bookings, and income from bookings made in 2017 if is over 5000, the response is checked. Shown as total sales.

Input/Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description/Attributes |
|  | TotalSales | INT | Input parameter for the stored procedure SalesTarget. Enter a valid target sales amount. |
|  | Sales | INT | Input parameter for the stored procedure to calculate TotalSales. |

3.3.10. Procedure: dbo.spPeople\_GetbyLastName

It is used for finding users by their Surname.

Input/Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description |
|  | LastName | NVARCHAR(200) | Input parameter for the stored procedure spPeople\_GetbyLastName. Enter a valid LastName from Users. |

3.3.11. Procedure: dbo.spYoungUsers

It shows the ıd,name, last name,gender and between the ages of 20 and 40 in the View: Users.YoungUsers.

Input/Output

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Data Type | Description |
|  | ID | INT | Output parameter |
|  | First\_Name | NVARCHAR(200) | Output parameter |
|  | Last\_Name | NVARCHAR(200) | Output parameter |
|  | Gender | CHAR(7) | Output parameter |
|  | Age | INT | Output parameter |

* 1. Functions

3.4.1. Function: Customers’ Bookings certain Interval

Table value function returning the showing customers who booked in a certain price range.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | Returns | Table type |  |  |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | ENAZ | INT |  | Input parameter for the table valued function valid enaz from booking table |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | ENCOK | INT |  | ınput parameter for the table valued function valid encok from booking table |

3.4.2. Function: Reservation Information by month

Table value function returning reservation information.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | Returns | Table type |  |  |
| C:\Users\rukiye\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1.png | AY | INT |  | Input parameter for the table valued function valid enaz from booking table |

3.4.3. Function: tbldispute

Table value function returns the informations of the disputes

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Returns | Table type |  |  |
|  | Fist\_name | NVARCHAR(200) |  | Output parameter for  the table valued function valid First\_name from USERS table |
|  | Email | NVARCHAR(200) |  | Output parameter for the table valued function valid Email  from USERS table |
|  | Phone | CHAR(12) |  | Output parameter for the table valued function valid Phone  from USERS table |
|  | Dispute\_name | NVARCHAR(200) |  | Output parameter for the table valued function valid Name  from DISPUTES table |
|  | Dispute\_description | NVARCHAR(MAX) |  | Output parameter for the table valued function valid Description  from DISPUTES table |
|  | Property\_Description | NVARCHAR(MAX) |  | Output parameter for the table valued function valid Description from PROPERTIES table |

3.4.4. Function: Fn\_PT\_REVIEW

According property type,Table value function returning the showing properties,user review,user rating and star sembol using rating.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Returns | Table type |  |  |
|  | Property\_type | NVARCHAR(15) |  | Input parameter for  the table valued function valid property\_type from Property\_Type table |
|  | NAME | NVARCHAR(500) |  | Output parameter for the table valued function valid NAME  from PROPERTY\_TYPE table |
|  | COMMENT | NVARCHAR(MAX) |  | Output parameter for the table valued function valid COMMENT from PROPERTY\_REVIEW table |
|  | RATING OUTPUT | NVARCHAR |  | Output parameter for the table valued function valid RATING  from PROPERTY\_REVIEW table.According this value count RATING OUTPUT shows \* symbol. |

3.4.5. Function: fn\_FindingAvailableLocation

Table value function returning available location information according countryname and first letter of city.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Returns | Table type |  |  |
|  | ulkeAd | Nvarchar(50) |  | Input and output parameter(as country name) for  the table valued function valid from countries,states and cities table |
|  | statename | Nvarchar(200) |  | Output parameter for the table valued function valid NAME from STATES table |
|  | cityname | Nvarchar(200) |  | Output parameter for the table valued function valid NAME from CITIES table |

3.4.6. Function: fn\_Bookings

Table value function returns the information of the bookings.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Returns | INT |  |  |
|  | Fist\_name | NVARCHAR(200) |  | Output parameter for  the table valued function valid First\_name from USERS table |
|  | Last\_Name | NVARCHAR(200) |  | Output parameter for the table valued function valid Last\_Name USERS table |
|  | ID | INT |  | Output parameter for the table valued function valid ID from Bookings table |

3.4.7. Function: fn\_CategoryProperties

Table value function returns the information of the properties.

Input/Output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data Type | N | Description/Attributes |
|  | Returns | INT |  |  |
|  | Name | NVARCHAR(200) |  | Output parameter for  the table valued function valid name from properties table |
|  | Property\_Count | INT |  | Output parameter for the table valued function valid Property\_Count properties table |

* 1. Triggers

3.5.1. Trigger: TRG\_REZARVASYONU\_GUNCELLEME

3.5.2. Trigger: EventsLog