Database

Developers Manual

# OVERVIEW:

This section describes how different data are stored for farther uses. It provides a quick overview of our database.

**DATABASE:**

**Tables:**

1. User
2. Properties
3. Contact\_us
4. Link
5. Response\_form

**User: -**

This table is used to store user records. “User\_Id” is primary key and auto-generated.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Type** | **Max length** | **Required** | **Default value** |
| PK | User\_Id | ObjectId | - | True | Auto-generated |
| KEY | User\_type | String | 15 | True | - |
| KEY | Name | String | 30 | True | - |
| KEY | Address | String | 100 | False | - |
| KEY | City | String | 20 | False | - |
| KEY | State | String | 15 | False | - |
| KEY | Country | String | 20 | False | - |
| KEY | Pin\_code | Number | - | False | - |
| KEY | Email | String | - | True | - |
| KEY | Contact\_no | String | - | True | - |

**Properties: -**

This store all the properties listed for sell or apply for sell. “Built\_year” store data and current date is store if any date is not provided. The properties are store here, maybe not verified.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Type** | **Max length** | **Required** | **Default value** |
| PK | Property\_Id | ObjectId | - | True | Auto-generated |
| KEY | Built\_year | Date | - | True | Current date |
| KEY | BHK | Number | - | False | - |
| KEY | Location | String | 100 | False | - |
| KEY | City | String | 20 | False | - |
| KEY | State | String | 15 | False | - |
| KEY | Country | String | 20 | False | - |
| KEY | Pin\_code | Number | - | False | - |
| KEY | Facilities | String Array | - | True | - |
| KEY | Costing\_details | String Array | - | True | - |
| KEY | Cost | Number | - | True | - |
| KEY | imgUrl | String | - | True | - |

**Contact\_us: -**

This store customer query. “Query\_Id” is primary key. “Query” store customer queries. And “User\_Id” is foreign key and it store “User\_id” of “User” table which contain user information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Type** | **Max length** | **Required** | **Default value** |
| PK | Query\_Id | ObjectId | - | True | Auto-generated |
| KEY | Query | String | 300 | True | - |
| FK | User\_Id | ObjectId(User) | - | True | - |

**Link: -**

This is used to store all the property which is verified by company. At first seller apply for sell their property with property information and some other information. Then the information is verified by selling team. If verification is successful then seller information or some additional information are updated in corresponding table and link together in “Link” table. “User\_Id” and “Property\_Id” are foreign key and store seller information and their property information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Type** | **Max length** | **Required** | **ref** |
| FK | User\_Id | ObjectId | - | True | User |
| FK | Property\_Id | ObjectId | - | True | Properties |

**Response\_form: -**

This table store customer response which is generally customer budget, property specification etc. “Form \_Id” store form id which customer fill-up. “User\_Id” is foreign key which store user id of user table. And other fields are about their query like what are their budget range, what are the specification should be satisfied of a property etc.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Type** | **Max length** | **Required** | **value** |
| PK | Form\_Id | ObjectId | - | True | Auto-generated |
| FK | User\_Id | ObjectId User) | - | True | - |
| KEY | Budget range | Array | - | False | - |
| KEY | Specification | String | - | False | - |
| KEY | Limitation | String | - | False | - |
| KEY | Query | String | 300 | False | - |