**1:Tbl\_user**

Primary Key:user\_id

Foreign Key:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | user\_id | Int(10) | Primary key | Primary key of the user table |
| 2 | first\_name | CharField(50) | Not Null | First Name |
| 3 | last\_name | CharField(50) | Not Null | Last Name |
| 4 | email | EmailField(50) | Not Null | Email |
| 5 | password | Varchar(50) | Not Null | Store password of the user |
| 6 | profile\_pic | ImageField(250) | Not Null | To store user picture |
| 7 | role | CharField(50) | Not Null | To check user |
| 8 | created\_at | DateTimeField | Not Null | Created time |
| 9 | updated\_at | DateTimeField | Not Null | Updated time |
| 10 | Last\_login | DateTimeField | Not Null | User last login time |

**2:Tbl\_profile**

Primary Key: Profile\_id

Foreign Key:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | Profile\_id | Int(10) | Primary key | Primary key of the profile table |
| 2 | user | Int(10) | Not Null | Which user |
| 3 | forget\_password\_token | Char(50) | Not Null | Token |
| 4 | created\_at | DateTime | Not Null | Created time |

**3:Tbl\_district**

Primary Key: dist\_id

Foreign Key:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | dist\_id | Int(10) | Primary key | The primary key of the district |
| 2 | name | Char(50) | Not Null | To store district name |

**4:Tbl\_propertyimages**

Primary Key: image\_id

Foreign Key:property\_id references table Tbl\_property

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | image\_id | int(10) | Primary Key | The primary of the property imageable |
| 2 | property\_id | int(10) | Foreign Key | Foreign key of the property table |
| 3 | image | ImageFiled(250) | Not Null | Property of the image |

**5: Tbl\_property**

Primary Key: property\_id

Foreign Key:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | property\_id | int | Primary key | Primary Key of property table |
| 2 | titile | CharField(230) | Not Null | Title of the property |
| 3 | description | TextField | Not Null | Description of the property |
| 4 | no\_of\_floors | PositiveSmallIntegerField(12) | Not Null | Number of floors |
| 5 | no\_of\_bathrooms\_inside | PositiveSmallIntegerField(12) | Not Null | Number of bathroom inside |
| 6 | no\_of\_bathrooms\_outside | PositiveSmallIntegerField(12) | Not Null | Number of bathroom outside |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 7 | no\_of\_bedrooms | PositiveSmallIntegerField(12) | Not Null | Number of bedrooms |
| 8 | master\_bedroom | PositiveSmallIntegerField(12) | Not Null | Number of master bedrooms |
| 9 | no\_of\_livingrooms | PositiveSmallIntegerField(12) | Not Null | Number of living rooms |
| 10 | dining\_hall | PositiveSmallIntegerField(12) | Not Null | Number of dining room |
| 11 | kitchen | PositiveSmallIntegerField(12) | Not Null | Number of kitchen |
| 12 | feature\_1 | CharFiled(50) | Not Null | Feature of the property |
| 13 | feature\_2 | CharFiled(50) | Not Null | Feature of the property |
| 14 | plot\_area | PositiveSmallIntegerField | Not Null | Plot area of the property |
| 15 | rate | DecimalField(6) | Not Null | Rate of the property |
| 16 | has\_electricity | Boolean | Not Null | To check whether Electricity is available or not |
| 17 | has\_watersupply | Boolean | Not Null | To check whether is available or not |
| 18 | address\_1 | CharFiled(255) | Not Null | Address |
| 19 | city | CharFiled(100) | Not Null | City |
| 20 | district | CharFiled | Not Null | District |
| 21 | zip\_code | PositiveSmallIntegerField | Not Null | Zip Code of the place |
| 22 | owner | CharFiled(6) | Not Null | Owner name |
| 23 | is\_occupied | BooleanField | Not Null | To check whether property is occupied |
| 24 | created\_at | DateTime | Not Null | Created time |
| 25 | updated\_at | DateTime | Not Null | Updated time |

**6:Tbl\_wishlist**

Primary Key: wishlist\_id

Foreign Key: user\_id, property\_id references table Tbl\_user,Tbl\_property

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | wishlist\_id | Int(10) | Primary key | The primary key of a wishlist |
| 2 | user\_id | int(10) | Foreign Key | Foreign key of the user table |
| 3 | property\_id | int(10) | Foreign Key | Foreign key of the property table |
| 4 | created\_at | DateTime | Not Null | Created time |
| 5 | updated\_at | DateTime | Not Null | Updated time |

**7:Tbl\_reservation**

Primary Key: reservation\_id

Foreign Key: user\_id ,property\_id references table Tbl\_user,Tbl\_property

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | reservation\_id | int(10) | Primary key | The primary key of the reservation table |
| 2 | user\_id | int(10) | Foreign key | Foreign key of the user table |
| 3 | property\_id | int(10) | Foreign key | Foreign key of the property table |
| 4 | status | CharFiled(50) | Not Null | Status checking for pending, cancel, and confirm |
| 5 | created\_at | DateTime | Not Null | Created time |
| 6 | updated\_at | DateTime | Not Null | Updated time |

**8:Tbl\_message**

Primary Key: message\_id

Foreign Key: user\_id,property\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | message\_id | Int(10) | Primary key | The primary key of a message |
| 2 | user\_id | int(10) | Foreign Key | Foreign key of the user table |
| 3 | property\_id | int(10) | Foreign Key | Foreign key of the property table |
| 4 | message | Varchar(250) | Not null | Message Description |
| 5 | reply | Varchar(250) | Not null | Reply Description |

**9:Tbl\_maintenance**

Primary Key: maintenance\_id

Foreign Key: user\_id,property\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | maintenance\_id | Int(10) | Primary key | The primary key of a maintenance |
| 2 | user\_id | int(10) | Foreign Key | Foreign key of the user table |
| 3 | property\_id | int(10) | Foreign Key | Foreign key of the property table |
| 4 | maintenance | Varchar(250) | Not Null | Maintenance Description |

**10:Tbl\_review**

Primary Key: review\_id

Foreign Key: property\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | review\_id | Int(10) | Primary key | The primary key of a review |
| 2 | property\_id | int(10) | Foreign Key | Foreign key of the property table |
| 3 | review | Varchar(50) | Not Null | Review Description |
| 4 | rating | Varchar(50) | Not Null | Rating |

**11:Tbl\_payment**

Primary Key: payment\_id

Foreign Key: user\_id,property\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field Name | Datatype (Size) | Key Constraints | Description of the Field |
| 1 | payment\_id | Int(10) | Primary key | The primary key of a payment |
| 2 | user\_id | int(10) | Foreign Key | Foreign key of the user table |
| 3 | property\_id | Varchar(50) | Not Null | Foreign key of the property table |
| 4 | c\_name | Varchar(50) | Not Null | Card Name Holder |
| 5 | ccv | int(10) | Not Null | CCV Number |
| 6 | act\_num | int(10) | Not Null | Account number |
| 7 | exp\_date | Date | Not Null | Expiration Date |
| 8 | pay\_stat | Varchar(50) | Not Null | Payment Status |
| 9 | amt | int(10) | Not Null | Amount |