**1.Tbl\_customuser**

Primary key: **user\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype | Key Constraints | Description of the field |
| 1 | **User\_id** | IntegerField(20) | PK | Users\_id |
| 2 | username | Charfield(20) | Not Null | Users Username |
| 3 | Password | Charfield(20) | Not Null | Password of user |
| 4 | Email | EmailField(20) | Unique | Email\_id of user |
| 5 | role | CharField(20) | Not Null | Role of the registered user |

**2.Tbl \_userprofile(propertyowner)**

Primary key: **UserProfile\_id**

Foreign key: **user\_id** references table **Tbl\_customuser**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype | Key Constraints | Description of the field |
| 1 | **UserProfile\_id** | IntegerField(20) | PK | Unique id for Userprofile |
| 2 | user\_id | IntegerField(20) | FK | Unique id for User |
| 3 | fullname | Charfield(20) | Null | fullname of user |
| 4 | date\_of\_birth | date | Null | d.o.b of user |
| 5 | gender | Charfield (20) | Null | gender of user |
| 6 | phone | IntegerField(15) | Null | Phone number of user |
| 7 | Photo\_id | file | Null | Photo of the user |
| 8 | address | CharField(20) | Null | Address of the user |

**3.Tbl \_profile(tenant)**

Primary key: **profile\_id**

Foreign key: **user\_id** references table **Tbl\_customuser**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype | Key Constraints | Description of the field |
| 1 | **Profile\_id** | IntegerField(20) | PK | Unique id for Userprofile |
| 2 | user\_id | IntegerField(20) | FK | Unique id for User |
| 3 | fullname | Charfield(20) | Null | fullname of user |
| 4 | date\_of\_birth | date | Null | d.o.b of user |
| 5 | gender | Charfield (20) | Null | gender of user |
| 6 | phone | IntegerField(15) | Null | Phone number of user |
| 7 | Photo\_id | file | Null | Photo of the user |
| 8 | address | CharField(20) | Null | Address of the user |

**4.Tbl \_property**

Primary key: **property\_id**

Foreign key: **userprofile\_id** references table **Tbl \_userprofile**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype (Size) | Key Constraints | Description of the field |
| 1 | **Property\_id** | IntegerField(10) | PK | Unique id for Property |
| 2 | Property\_type | CharField | Null | Type of Property |
| 3 | address | Charfield(20) | Not Null | Property address |
| 4 | Monthly\_rent | Decimalfield(20) | Not Null | Monthly rent of property |
| 5 | Security\_deposit | Decimalfield (20) | Not Null | Security deposit of property |
| 6 | Lease\_duration | Charfield (2000) | Not Null | Property lease duration |
| 7 | Availability\_date | DateField | Not Null | Date the property is available |
| 8 | Approval\_status | CharField(20) | Not Null | Admin Property Approval |
| 9 | Userprofile\_id | IntegerField(10) | FK | Property owner id |

**5. Tbl \_Propertyimage**

Primary key: **pimage\_id**

Foreign key: **property\_id** references table **Tbl \_property**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype (Size) | Key Constraints | Description of the field |
| 1 | **pimage\_id** | IntegerField(10) | PK | Unique id for images |
| 2 | Category | CharField(200) | Null | Property image category |
| 3 | image | ImageField() | Not Null | Category wise image |
| 4 | Property\_id | IntegerField(10) | FK | Id of the property |

**6. Tbl \_Amenity**

Primary key: **Amenity\_id**

Foreign key: **property\_id** references table **Tbl \_property**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Field name | Datatype(Size) | Key Constraints | Description of the field |
| 1 | **Amenity\_id** | IntegerField(10) | PK | Property amenityid |
| 2 | Sqfootage | Positiveintegerfield(10) | Not null | Property quarefoot |
| 3 | Bedrooms | Positiveintegerfield(10) | Not null | Noofbedrooms |
| 4 | Bathrooms | Positiveintegerfield(10) | Not null | Noofbathrooms |
| 5 | Stories | Positiveintegerfield(10) | Not null | Property storiesno |
| 6 | Acresofland | Decimalfield(10) | Not null | Acresof property type land |
| 7 | Rentspace | CharField(200) | Not null | Full or partial |
| 8 | noofrooms | Positiveintegerfield(10) | Not null | Number of rooms |
| 9 | parkingspace | Textfield(10) | Not null | Yes or no for commercial property |
| 10 | purpose | Textfield(10) | Not null | land property type purpose |
| 11 | acresorcent | Decimalfield(10) | Not null | Acres/cent the property in |
| 12 | Property\_id | IntegerField(10) | FK | Property id |

**7.Tbl \_propertydocument**

Primary key: **doc\_id**

Foreign key: **property\_id** references table **Tbl \_property**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype (Size) | Key Constraints | Description of the field |
| 1 | **doc\_id** | IntegerField(10) | PK | Unique id for property document |
| 2 | Document\_type | CharField(10) | NotNull | Property document type |
| 3 | document | FileField(10) | NotNull | Property document |
| 4 | Property\_id | IntegerField(10) | NotNull | Property id |

**8.Tbl \_rentalrequest**

Primary key: **request\_id**

Foreign key: **property\_id** references table **Tbl \_property**

Foreign key: **profile\_id** references table **Tbl \_profile**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype | Key Constraints | Description of the field |
| 1 | **request\_id** | IntegerField(20) | PK | Unique id for each rental request |
| 2 | Property\_id | IntegerField(20) | FK | Property id |
| 3 | Profile\_id | IntegerField(20) | FK | Tenant who had made rental request |
| 4 | Status | CharField(20) | Notnull | Pending/accepted/rejected |
| 5 | Created\_at | DateTimeField | NotNull | Time rental request has created |

**9.Tbl \_leaseagreement**

Primary key: **agreement\_id**

Foreign key: **property\_id** references table **Tbl \_property**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No: | Field name | Datatype | Key Constraints | Description of the field |
| 1 | **agreement\_id** | IntegerField(20) | PK | Unique id for each agreement |
| 2 | Property\_id | IntegerField(20) | FK | Property id |
| 3 | Start\_date | DateField | NotNull | rentalstartdate |
| 4 | End\_date | DateField | NotNull | Rentalenddate |
| 5 | Rent\_amount | DecimalField(20) | NotNull | Total rentamount each month |
| 6 | Security\_amount | DecimalField | Not Null | Initial security amount |