

Guide:Mrs.Navyamol K T

Topic:Apartment management system

TABLES

Table No 1: tbl_login

Primary key: userid

| Field name | Data type | Description | Constraints |
|------------|-----------|---|-------------|
| userid | Int | User login id | primary key |
| username | varchar | Username | Not null |
| password | varchar | Password | Not null |
| roleid | Int | login role (admin,owner,employee, renter) | Not null |
| status | Int | Valid/invalid | Not null |

Table No 2: tbl_role

Primary key: roleid

| Field name | Data type | Description | Constraints |
|------------|-----------|---------------|-------------|
| roleid | int | role id | Primary key |
| rolename | varchar | Role name | Not null |
| status | Int | Valid/invalid | Not null |

Table No 3: tbl_registration

Primary key: regid

Foreign key: userid

Foreign key: stateid

Foreign key: districtid

| Field name | Data type | Description | Constraints |
|------------|-----------|---------------------|-------------|
| regid | int | registration id | Primary key |
| userid | int | user id | Foreign key |
| name | varchar | username | Not null |
| gender | varchar | Gender | Not null |
| address | varchar | Address of the user | Not null |
| email | varchar | Email id | Not null |
| state | int | State id | Foreign key |
| districtid | int | District id | Foreign key |
| phoneno | varchar | Phone number | Not null |
| status | int | Valid/invalid | Not null |

Table No 4: tbl_country

Primary key:countryid

| Field name | Data type | Description | Constraints |
|-------------|-----------|---------------------|-------------|
| countryid | Int | Id of the country | Primary key |
| countryname | Varchar | country of the user | Not null |
| status | int | Vaid/invalid | Not null |

Table No 5: tbl_state

Primary key:stateid

Foreign key:countryid

| Field name | Data type | Description | Constraints |
|------------|-----------|-------------------|-------------|
| stateid | int | State id | Primary key |
| countryid | int | Id of the country | Foreign key |
| statename | varchar | State of the user | Not null |
| Status | int | Vaid/invalid | Not null |

Table No 6:tbl_district

Primary key:districtid

Foreign key:stateid

| Field name | Data type | Description | Constraints |
|--------------|-----------|----------------------|-------------|
| districtid | int | District id of user | Primary key |
| stateid | int | Id of the state | Foreign key |
| districtname | varchar | District of the user | Not null |
| status | int | Valid/invalid | Not null |

Table No 7:tbl_flat

Primary key:flatid

Foreign key:floorid

| Field name | Data type | Description | Constraints |
|-------------------|-----------|--|-------------|
| flatid | int | flat id of the apartment | Primary key |
| flatno | varchar | Flat number | Not null |
| floorid | in | Floor number of the flat | Not null |
| bedrooms | int | Number of bedrooms including master bedrooms | Not null |
| kitchen | int | Number of kitchen | Not null |
| attachedbathrooms | int | Number of bathrooms | Not null |
| prayerhall | int | Number of prayer halls | Not null |
| squarefeet | int | Square feet of the flat | Not null |
| type | varchar | Type of the flat | Not null |
| price | int | Price of the flat | Not null |
| status | int | Valid/invalid | Not null |

Table No 8: tbl_floor

Primary key : floorid

| Field name | Data type | Description | Constraints |
|------------|-----------|-------------------|-------------|
| floorid | int | Apartment floorid | Primary key |
| floorno | int | Floor number | Not null |
| floorname | varchar | Name of the floor | Foreign key |
| status | int | Valid/invalid | Not null |

Table No 9:tbl_complaints

Primary key:complaintid

| Field name | Data type | Description | Constraints |
|-------------|-----------|-------------------------|-------------|
| complaintid | Int | Complaint id | Primary key |
| Title | varchar | Complaint title | Not null |
| description | varchar | Reason for the cmplaint | Not null |
| date | date | Complaint posted date | Not null |
| Status | int | Valid/invaid | Not null |

Table No 10:tbl_meeting

Primary key:meetingid

| Field name | Data type | Description | Constraints |
|--------------|-----------|----------------------------|-------------|
| meetingid | Int | Id of the meeting | Primary key |
| meetingdate | varchar | Subcategory name of recipe | Not null |
| meetingtitle | varchar | Subject of the meeting | Not null |
| description | varchar | Details about the meeting | Not null |
| status | int | Valid/invalid | Not null |

Table No 11:tbl_renter

Primary key:renterid

Foreign key:flatid

| Field name | Data type | Description | Constraints |
|------------|-----------|--------------------|-------------|
| renterid | Int | Id of the renter | Primary key |
| rentername | Varchar | Name of the renter | Not null |

| | | | |
|------------|---------|----------------------------------|-------------|
| renteddate | date | Date at which the flat is rented | Not null |
| email | varchar | Emailid of the renter | Not null |
| address | varchar | Address of the renter | Not null |
| contactno | int | Contact number of the renter | Foreign key |
| flatid | int | Floor number | Foreign key |
| totalrent | int | Payment per month | Not null |
| status | int | Valid/invalid | Not null |

Table No 12:tbl_maintenance

Primary key:maintenanceid

Foreign key:flatid

| Field name | Data type | Description | Constraints |
|-------------|-----------|---|-------------|
| maintanceid | Int | Maintenance id | Primary key |
| title | Varchar | Subject of the maintenance | Not null |
| date | varchar | Maintenance date | Not null |
| flatid | int | Flat in which the maintenance work has done | Not null |
| amount | int | Maintenance amount | Not null |
| details | varchar | Details about the maintenance | Not null |
| status | int | Valid/invalid | Not null |

Table No 13:tbl_billdetails

Primary key:billdetailid

| Field name | Data type | Description | Constraints |
|--------------|-----------|------------------------------|-------------|
| billdetailid | Int | Bill details id | Primary key |
| billtype | Varchar | Bill type(water,electricity) | Not null |

| | | | |
|--------|---------|---------------|----------|
| date | varchar | Bill date | Not null |
| amount | int | Total amount | Not null |
| status | int | Valid/invalid | Not null |

Table No 14:tbl_payment

Primary key:paymentid

Foreign key:renterid

| Field name | Data type | Description | Constraints |
|--------------|-----------|------------------------------|-------------|
| paymentid | Int | payment id | Primary key |
| billtype | Varchar | Bill type(water,electricity) | Not null |
| renterid | int | Id of the renter | Foreign key |
| Date | varchar | Bill date | Not null |
| Payment type | varchar | Type of payment | Not null |
| amount | int | Total amount | Not null |
| status | int | Valid/invalid | Not null |

Table No 15:tbl_employeedetails

Primary key:employeeid

| Field name | Data type | Description | Constraints |
|-----------------|-----------|--------------------------------|-------------|
| employeeid | Int | Id of the employee | Primary key |
| employeename | Varchar | Name of the employee | Not null |
| dob | date | Date of birth of the employee | Not null |
| email | varchar | Emailid of the employee | Not null |
| address | varchar | Address of the employee | Not null |
| phoneno | varchar | Contact number of the employee | Not null |
| employeehistory | varchar | Previous history of employee | Not null |

| | | | |
|-------------|---------|--------------------------|----------|
| designation | varchar | Position of the employee | Not null |
| joiningdate | date | Employee's joining date | Not null |
| salary | int | Salary of employee | Not null |
| username | varchar | Username of the employee | Not null |
| password | varchar | Password of employee | Not null |
| status | int | Valid/invalid | Not null |

Table No 16:tbl_foods

Primary key:fitemid

| Field name | Data type | Description | Constraints |
|------------|-----------|------------------------|-------------|
| fitemid | Int | Id of the food items | Primary key |
| category | varchar | Name of the employee | Not null |
| fitemname | varchar | Food item name | Not null |
| price | varchar | Price of the food item | Not null |

Table No 17:tbl_booking

Primary key:bookid

Foreign key:flatid

| Field name | Data type | Description | Constraints |
|------------|-----------|-----------------------------------|-------------|
| bookid | Int | Id of the flat booking | Primary key |
| flatid | int | Flat id | Not null |
| date | date | Date in which flat taken for rent | Not null |
| price | varchar | Price of the rented flat | Not null |
| status | int | Valid/invalid | Not null |