**TABLES**

**Table No:1 tbl\_login**

Primary Key: login\_id

Foregin Key: Username,password

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| login**\_**Id | Int | 10 | Primary key of the login table |
| Username | Varchar | 50 | Foregin key from the registration table |
| password | Varchar | 30 | Store password of user |
| login\_status | Varchar | 30 | Status of Login |
| Role | Varchar | 30 | Role of login |

**Table No: 2 tbl\_student\_reg**

Primary Key: Stud\_id

Foregin Key: login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Stud\_id | Int | 50 | Primary key of the registration table |
| Stud\_name | Varchar | 50 | Name of the Student |
| Stud\_DoB | Date | 30 | Date Of Birth |
| Stud\_course | Varchar | 30 | Course Opted |
| Stud\_Address | Varchar | 100 | Address |
| Stud\_City | Varchar | 30 | City |
| Stud\_state | Varchar | 30 | State |
| Stud\_district | Varchar | 30 | District |
| Stud\_pincode | Int | 20 | Pincode |
| Stud\_gender | Varchar | 30 | Gender |
| login\_id | Int | 10 | Foreign Key of Login table |
| Stud\_phone\_no | Big Int | 30 | Mobile Number |
| Stud\_email | Varchar | 50 | Email Id |
| Stud\_father\_name | Varchar | 30 | Father’s name |
| Stud\_father\_phno | Big Int | 15 | Father’s Mobile Number |
| Stud\_mother\_name | Varchar | 30 | Mothers’s Name |
| Stud\_mother\_phno | Big Int | 15 | Mother’s Phone Number |
| Stud\_photo | Blob | max | Photo of the student |
| Stud\_username | Varchar | 30 | Username |
| Stud\_password | Varchar | 30 | Password |

**Table No: 3 tbl\_warden\_reg**

Primary Key: w\_id

Foregin Key:floor\_id,login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| W\_id | Int | 20 | Primary key of the  wardens registration table |
| Floor\_id | Int | 10 | Foregin key of the floor table |
| login\_Id | Int | 10 | Foregin key of the login table |
| W\_name | Varchar | 50 | Wardens Name |
| W\_address | Varchar | 30 | Address |
| W\_city | Varchar | 30 | City |
| W\_district | Varchar | 30 | District |
| W\_state | Varchar | 30 | State |
| W\_pincode | Int | 10 | Pincode |
| W\_email | Varchar | 30 | Email id |
| W\_phno | Big Int | 15 | Mobile Number |
| W\_DoB | Date | 30 | Date Of Birth |
| W\_username | Varchar | 30 | Username |
| W\_password | Varchar | 30 | Password |
| W\_gender | Varchar | 30 | Gender |
| W\_experience | Varchar | 20 | Experience |
| W\_photo | Blob | max | Photo |
| W\_role | Varchar | 30 | Role(Main warden or  Sub Wardens) |

**Table No: 4 tbl\_floor**

Primary Key: floor\_Id

Foregin Key:W\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| floor\_id | Int | 10 | Primary key of the floor table |
| W\_id | Int | 10 | Foreign key of warden registration table |
| floor\_name | Varchar | 30 | Name Of the Floor |
| floor\_status | Varchar | 30 | Floor occupied or not status |

**Table No: 5 tbl\_guest\_reg**

Primary Key: G\_Id

Foregin Key:Pay\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| G\_id | Int | 50 | Primary key of the guest registration table |
| Pay\_id | Int | 30 | Foreign key of payment table |
| G\_name | Varchar | 50 | Name of the Guest |
| G\_type | Varchar | 30 | Types of Guests |
| G\_gender | Varchar | 30 | Gender |
| G\_food | Boolean | 30 | Need food(Yes/No) |
| G\_Address | Varchar | 100 | Address |
| G\_City | Varchar | 30 | City |
| G\_state | Varchar | 30 | State |
| G\_district | Varchar | 30 | District |
| G\_pincode | Int | 20 | Pincode |
| G\_in\_date\_time | Timestamp | 40 | IN Date & Time |
| G\_out\_date\_time | Timestamp | 40 | OUT Date & Time |
| G\_payment\_status | Varchar | 30 | Payment Status |

**Table No: 6 tbl\_payment**

Primary Key: Pay\_Id

Foregin Key:Stud\_id,G\_id,login\_id,Payc\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Pay\_id | Int | 30 | Primary key of payment table |
| Pay\_card\_name | Varchar | 30 | Card Holder Name |
| Pay\_card\_num | varchar | 50 | Account Number |
| Pay\_expiry\_month | Date | 30 | Expiry Month of Card |
| Pay\_expiry\_year | Date | 30 | Expiry Year of Card |
| Pay\_amount | Int | 30 | Payment Amount |
| Stud\_id | Boolean | 30 | Foreign key of Student registration table |
| G\_id | Int | 30 | Foreign key of Guest registration table |
| login\_id | Int | 30 | Foreign key of Login table |
| Payc\_id | Int | 30 | Foreign key of Payment Category table |
| Pay\_date | Timestamp | 30 | Date & Time of Payment |
| Pay\_status | Varchar | 30 | Payment Status |
| Pay\_type | Varchar | 40 | Type of Transaction |
| Pay\_bank | Varchar | 40 | Transaction Bank |

**Table No: 7 tbl\_payment\_category**

Primary Key: Payc\_Id

Foregin Key:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Payc\_id | Int | 50 | Primary key of the guest registration table |
| Payc\_category | Varchar | 30 | Category of payment  (Gpay,PhonePay,etc) |
| Payc\_status | Varchar | 50 | Amount Paid/Not status |

**Table No: 8 tbl\_Outpass**

Primary Key: Pay\_Id

Foregin Key:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Out\_id | Int | 30 | Primary key of Outpass table |
| login\_id | Varchar | 30 | Foreign Key of Login table |
| Out\_from\_date | Timestamp | 30 | From - Date & Time |
| Out\_to\_date | Timestamp | 30 | To-Date & Time |
| Out\_apply\_date | Timestamp | 30 | Date & Time of Outpass applied |
| Out\_approve\_date | Timestamp | 30 | Outpass approved date by Admin |
| Out\_approve\_status | Varchar | 30 | Approve Status of Outpass |
| Out\_remarks | Varchar | 30 | Remarks If Any |
| Actual\_return\_date | Timestamp | 30 | Actual Return Date |

**Table No: 9 tbl\_Complaints**

Primary Key: Comp\_id

Foregin Key:login\_id,Ctype\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Comp\_id | Int | 30 | Primary key of Complaint table |
| Login\_id | Int | 30 | Foreign Key of Login table |
| Comp\_type | Int | 30 | Specify type Of Complaint(Electrical,Food,Others) |
| Comp\_message | Varchar | 30 | Complaint Message |
| Comp\_date | Timestamp | 30 | Date & Time of complaint Posted |
| Comp\_status | Varchar | 30 | Status Of Complaint |
| Comp\_remarks | Varchar | 30 | Remarks If Any |

**Table No: 10 tbl\_Reminder**

Primary Key: Rem\_id

Foregin Key:login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Rem\_id | Int | 30 | Primary key of Reminder table |
| Login\_id | Int | 30 | Foreign Key of Login table |
| Rem\_message | Varchar | 30 | Reminder message |
| Rem\_set\_date | Timestamp | 30 | Date & Time Of Message set |
| Rem\_rem\_date | Timestamp | 30 | Reminding date & Time |
| Rem\_status | Varchar | 30 | Status Of Reminder |

**Table No: 11 tbl\_Allotted\_Rooms**

Primary Key: Allot\_room\_id

Foregin Key:login\_id,floor\_id,Room\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Allot\_Room\_id | Int | 30 | Primary key of Rooms table |
| Login\_id | Int | 30 | Foreign Key of Login table |
| Floor\_id | Int | 30 | Foreign Key of Floor table |
| Room\_id | Int | 30 | Foreign key of Allotted Room table |
| Room\_allo\_date | Date | 30 | Room Allotment Date |
| Room\_status | Varchar | 30 | Status of room |

**Table No: 12 tbl\_Rooms**

Primary Key: Room\_id

Foregin Key:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| Room\_id | Int | 30 | Primary key of Rooms table |
| Room\_no | Int | 30 | Room Number |
| Room-floor\_no | Int | 30 | Floor Number of Room |
| Room-type | Varchar | 30 | Types Of room |
| Vaccancy-status | Varchar | 30 | Vacancy status |
| Room\_status | Varchar | 30 | Status of room |
| Max\_occupancy\_count | Int | 30 | Maximum Number Of Students can occupy in a room |
| Guest\_room\_count | Int | 30 | No Of Rooms Allotted for Guest |

**Table No: 13 tbl\_SMS**

Primary Key:sms\_id

Foregin Key:login\_id,floor\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Description** |
| sms\_id | Int | 30 | Primary key of SMS table |
| Login\_id | Int | 30 | Foreign key of Login Table |
| floor\_id | Int | 30 | Foreign key of Floor Table |
| sms\_message | Varchar | 30 | Message Content |
| sms\_send\_time | Timestamp | 30 | Date & Time of SMS Send |
| sms\_target | Varchar | 30 | Target(Batch Students,Guest,Floor,Whole  Hostel) |