**6. Database Design:**

**1] Login table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Integer | No | Primary key | Login ID |
| user\_name | Varchar(45) | No |  | User Name |
| password | Varchar(45) | No |  | User Password |
| otp | int | No |  | OTP |

**2] Doctor table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Integer | No | Primary key | Doctor ID |
| Aadhar\_no | varchar (12) | No | Unique key | Aadhar Number |
| email | Varchar(35) | No |  | Email |
| first\_name | Varchar(30) | No |  | First Name |
| last\_name | Varchar(30) | No |  | Last Name |
| mobile\_number | Varchar(14) | No | Unique key | Mobile Number |
| Alternate\_mobile\_number | Varchar(14) | No |  | Alternate Mobile  Number |
| gender | Integer | No |  | Gender |
| dob | date | No |  | Date Of Birth |
| fees | Integer | No |  | Fees |
| Profile Picture | Varchar(250) | No |  | Profile Picture |
| Is\_doctor\_suspended | BIT(1) | No |  | Doctor Status |
| is\_doctor\_verified | BIT(1) | No |  | Doctor Status |
| login\_id | int | No | Foreign key | Login\_id |

**3] Doctor Address Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Integer | No | Primary key | ID |
| city | Varchar(30) | No |  | City |
| state | Varchar(30) | No |  | State |
| town | Varchar(30) | No |  | Town |
| country | Varchar(30) | No |  | Country |
| pincode | Integer | No |  | PIN Code |
| doctor\_id | Int | No | Foreign Key | doctor\_ID |

**4] Doctor Hobbies Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| doctor\_id | Int | No | Foreign Key | Doctor\_ID |
| hobby | Varchar(40) | No |  | Hobby |

**5] Doctor Speciality Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| doctor\_id | BigInt | No | Foreign key | Doctor ID |
| Services\_provided | Varchar(255) | No |  | Services Provided |
| Speciality\_description | Varchar(255) | No |  | Speciality Description |
| Speciality\_type | Varchar(255) | No |  | Speciality Type |
| Speciality\_photo | Varchar(255) | No |  | Speciality Photo |

**6] Doctor Qualification Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| doctor\_id | BigInt | No | Primary key | Doctor ID |
| Certificate\_photo | Varchar(255) | No |  | Certificate Photo |
| education\_type | Varchar(20) | No |  | Education Type |
| marks | double | No |  | Marks |
| year | int | No |  | Year |

**7] Bank account Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| Bank\_acct\_id | bigint | No | Primary key | Bank Account ID |
| ifsccode | Varchar(20) | No |  | IFSC Code |
| bank\_account\_number | Varchar(25) | No |  | Bank Account Number |
| bank\_name | Varchar(50) | No |  | Bank Name |
| name\_as\_per\_bank | Varchar(50) | No |  | Name as Per Bank |
| pan\_card\_no | Integer | No |  | Pan Card Number |

**8] Doctor time-table Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| timetable\_id | Big Int | No | Primary key | Doctor Time Table ID |
| doctor\_id | Integer | No | Foreign key | References doctor ID |
| weekday | Varchar(45) | No |  | Weekday |
| start\_time | Time(0) | No |  | Start Time |
| end\_time | Time(0) | No |  | End Time |
| break\_time | Time(0) | No |  | Break Time |
| status | Varchar(45) | No |  | Status |

**9] Payments Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| payment\_id | Big Int | No | Primary Key | Appointment ID |
| Order\_id | Varchar(20) | No |  | Appointment Date |
| amount | number | No |  | Appointment Time |
| status | Varchar(10) | No |  | Appointment Type |
| razorpay\_payment\_id | Varchar(100) | No |  | Cancelled by |

**10] Patient Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| patient\_id | Integer | No | Primary key | Patient ID |
| first\_name | Varchar(30) | No |  | First Name |
| last\_name | Varchar(30) | No |  | Last Name |
| mobile\_number | Varchar(14) | No | Unique key | Mobile Number |
| alternate\_mobile\_number | Varchar(14) | Yes | Unique key | Alternate Mobile Number |
| gender | Varchar(20) | No |  | Gender |
| blood\_group | Varchar(5) | No |  | Blood Group |
| dob | date | No |  | Date Of Birth |
| profile\_picure | Varchar(250) | No |  | Profile Picture |
| login\_id | Integer | No | Foreign key | Reference to login id |

**11] Patient Address Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Integer | No | Primary key | ID |
| city | Varchar(30) | No |  | City |
| state | Varchar(30) | No |  | State |
| town | Varchar(30) | No |  | Town |
| country | Varchar(30) | No |  | Country |
| pincode | Integer | No |  | PIN Code |
| patient\_id | Int | No | Foreign Key | Patient\_ID |

**12] Patient Hobbies Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| patient\_id | Int | No | Foreign Key | Patient\_ID |
| hobby | Varchar(40) | No |  | Hobby |

**13] Appointment Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| appointment\_id | Integer | No | Primary key | Appointment ID |
| appointment\_date | date | No |  | Appointment Date |
| appointment\_time | Time(0) | No |  | Appointment Time |
| appointment\_description | Varchar(500) | No |  | Appointment Description |
| appointment\_type | Varchar(45) | No |  | Appointment Type |
| status | Varchar(45) | No |  | Status |
| cancelled\_by | Varchar(45) | No |  | Cancelled by |
| doctor\_id | Integer | No | Foreign key | References doctor ID |
| patient\_id | Integer | No | Foreign key | References patient id |
| payment\_id | Integer | No | Foreign key | Payment ID |

**14] Appointment images Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| appointment\_id | Integer | No | Primary key | Appointment ID |
| appointment\_date | date | No |  | Appointment Date |

**15] User Role Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| user\_id | Big int | No | Primary key | User ID |
| role\_id | Big int | No | Primary key | Role ID |

**16] Role Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Big int | No | Primary key | ID |
| role\_name | Varchar(20) | No |  | Role Name |

**17] Home page images Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Bigint | No | Primary key | ID |
| Home\_images | Varchar(300) | No |  | Home Images |

**18] Public Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Description** |
| id | Bigint | No | Primary key | ID |
| home\_video\_path | Varchar(250) | No |  | Home video |