**Table Design**

#### tbl\_login

Primary Key : **login\_id**

Foreign Key : **type\_id** References table **tbl\_usertype**

Description : this table is for login credentials

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(Size)** | **Key Constraints** | **Description of the**  **field** |
| 1. | login\_id | int (11) | Primary key | Login id |
| 2. | type\_id | int(11) | Foreign key | User type |
| 3. | email | varchar (100) | Not null | Username which is  input as email |
| 4. | password | varchar (50) | Not null | password |
| 5. | otp\_code | int (11) | Not null | Otp code generate on forget password |

#### tbl\_users

Primary Key : **user\_id**

Foreign Key : **login\_id** References table **tbl\_login**

Description : this table is for registered users

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | user\_id | int(11) | Primary key | Users id |
| 2. | login\_id | int(11) | Foreign key | Login id |
| 3. | firstname | varchar(50) | Not null | First name |
| 4. | lastname | varchar(50) | Not null | Last name |
| 5. | phone | varchar(10) | Not null | Mobile number |
| 6. | address | varchar(100) | Not null | Address |
| 7. | user\_status | int(11) | Not null | User status |

#### tbl\_usertype

Primary Key : **type\_id**

Description : this table is for type of users

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(Size)** | **Key Constraints** | **Description of the field** |
| 1. | type\_id | int(11) | Primary key | Type id of user |
| 2. | type\_title | varchar(25) | Not null | User Role |

#### tbl\_doctor

Primary Key : **doc\_id**

Foreign Key : **login\_id** References table **tbl\_login**

Description : this table is for registered doctor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | doc\_id | int(11) | Primary key | Doctor id |
| 2. | login\_id | int(11) | Foreign key | Login id |
| 3. | spec\_id | int(10) | Foreign key | Speciality id |
| 4. | firstname | varchar(50) | Not null | Doctor’s first name |
| 5. | lastname | varchar(50) | Not null | Doctor’s last name |
| 6. | dob | date | Not null | Date of birth |
| 7. | email | varchar(100) | Not null | E-mail of doctor |
| 8. | gender | enum('male',  'female') | Not null | gender |
| 9. | phone | mediumint(10) | Not null | Mobile number |
| 10. | address | varchar(200) | Not null | Address |
| 11. | qualification | varchar(100) | Not null | Qualification |
| 12. | consultancy\_f ees | int(10) | Not null | Consulting fees |
| 13. | password | varchar(50) | Not null | Password |
| 14. | user\_status | varchar(50) | Not null | User Status |

#### tbl\_specialties

Primary Key : **spec\_id**

Description : this table is for storing doctor specialties

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(Size)** | **Key**  **Constraints** | **Description of the field** |
| 1. | spec\_id | int(10) | Primary key | Specialty type id |
| 2. | spec\_name | varchar(50) | Not null | Specialty name |
| 3. | specstatus | int(10) | Not null | status |

#### tbl\_timeslot

Primary Key: **id**

Foreign Key: **doctor** References table **tbl\_doctor**

Description: this table shows scheduled time slots

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(Size)** | **Key Constraints** | **Description of the field** |
| 1. | id | int(11) | Primary key | Time slot id |
| 2. | doctor | int(11) | Foreign key | Doctor id |
| 3. | time\_slots | varchar(50) | Not null | Slots |

#### tbl\_payment

Primary Key : **pay\_id**

Foreign Key : **user\_id** References table **tbl\_users**

Description : table for payment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | Pay\_id | int(11) | Primary key(Auto increment) | Pay id |
| 3. | user\_id | int | Not null | user id(foreign key) |
| 4. | date | date | Not null | Payment date |
| 5. | Price | int(50) | Not null | Amount paid |
| 6. | status | varchar(7) | Not null | Payment status |

#### tbl\_medicalhistory

Primary Key : **ID**

Foreign Key : **PatientID** References table **tbl\_patient**

Description : this table for medical history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | ID | int(11) | Primary key | User ID |
| 2. | PatientID | int(11) | Foreign key | Patient Id |
| 3 | Disease | varchar(100) | Not null | Disease name |
| 4. | Drug | Varchar(100) | Not null | Drugs suggested |
| 5. | Service | Varchar(500) | Not null | Service suggested |
| 6. | MedicalPres | mediumtext | Not null | Medical Prescription |
| 7. | CreationDate | timestamp | Not null | Ceeation Date |

#### tbl\_patient

Primary Key : **ID**

Foreign Key : **doc\_id** References table **tbl\_doctor**

Description : this table for patient records

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | ID | int(10) | Primary key | User ID |
| 2. | doc\_id | int(10) | Foreign key | Dcotor Id |
| 3. | PatientName | varchar (50) | Not null | Patient Name |
| 4. | PatientContno | bigint(10) | Not null | Patient Contact number |
| 5. | PatientEmail | varchar(100) | Not null | Patient Email |
| 6. | PatientGender | varchar(500) | Not null | Patient Gender |
| 7. | PatientAdd | mediumtext | Not null | Patient Address |
| 8. | PatientAge | int(11) | Not null | Patient Age |
| 9. | PatientMedhis | mediumtext | Not null | Patient Medical history |
| 10. | CreationDate | timestamp | Not null | Creation date |
| 11. | UpdationDate | timestamp | Not null | Updation Date |

1. **Notification Table**

Primary key: Notification\_id.

Foreign key: user\_id referencing tbl\_users

Description: Table stores notification sent to users regarding appointment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1 | Notification\_id | int | Primarykey  (Auto increment) | Notification id |
| 2 | User\_id | int | Not null | Foreignkey referencing tbl\_users table |
| 3 | Notification\_type | enum | Not null | Type of notification(eg. “email”,”sms”) |
| 4 | Message | text | Not null | Notification content |
| 5 | timestamp | datetime | Not null | Date and time of notification |

1. **Symtom Table**

Primary key: Symptom\_id

Description: This table stores Symptom details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1 | Symptom\_id | int | Primarykey  (Auto increment) | Symptom id |
| 2 | Symptomname | Varchar(100) | Not null | Symptom name |

1. **Usersymptom Table**

Primary key: UserSymptom\_id

Foreign key: user\_id referencing tbl\_users and symptom\_id referencing symptom table

Description: Table to link users and symptoms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1 | UserSymptom\_id | int | Primarykey  (Auto increment) | User Symptom id |
| 2 | User\_id | int | Not null | Foreignkey referencing tbl\_users table |
| 3 | Symptom\_id | int | Not null | Foreignkey referencing symptom table |

1. **Doctorsymtom Table**

Primary key: DoctorSymptom\_id

Foreign key: doc\_id referencing tbl\_doctor and symptom\_id referencing symptom table

Description: Table to link doctor and symptoms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1 | DoctorSymptom\_id | int | Primarykey  (Auto increment) | Doctor Symptom id |
| 2 | Doc\_id | int | Not null | Foreignkey referencing tbl\_doctor table |
| 3 | Symptom\_id | int | Not null | Foreignkey referencing symptom table |

#### tbl\_doctorbooking

Primary Key : **id**

Foreign Key :**login\_id** References table **tbl\_login, spec\_id** References **t**able **tbl\_specialties, doc\_id**

References table **tbl\_doctor**

Description : this table is for doctor booking

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Fieldname** | **Datatype(size)** | **Key Constraints** | **Description of the field** |
| 1. | Id | int(11) | Primary key | Booking Id |
| 2. | login\_id | int(11) | Foreign key | Login id |
| 3. | aptnumber | int(10) | Not null | Appointment number |
| 4. | aptdate | date | Not null | Appointment date |
| 5. | aptTime | varchar100) | Not null | Booking time slot |
| 6. | spec\_id | int(10) | Foreign key | Specialty id |
| 7. | doc\_id | int(10) | Foreign key | Doctor id |
| 8. | consultingfee | int(10) | Not null | Consulting fees |
| 9. | message | varchar(100) | Not null | Message |
| 10. | BookingDate | timestamp | Not null | Booking date |
| 11. | remark | varchar (100) | Not null | Remark |
| 12. | status | varchar (10) | Not null | Status |
| 13. | payment\_stts | varchar (20) | Not null | Payment status |