**-:DATABASE SCHEMA:-**

1. **Users table**:-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Userid | Primary key | Varchar(10) | Alphanumeric |
| 2 | Usernm | Not null | Varchar(50) | - |
| 3 | Password | Not null | Varchar(10) | Alphanumeric |
| 4 | Usertype | Default(Patient) | Varchar(10) | Patient/doctor/hosp\_admin |
| 5 | Userstatus | Default(active) | Varchar(10) | Active/deactive |

1. **Patient\_info table**:-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Patientid | Reference key | Varchar(10) | Alphanumeric |
| 2 | Patientnm | Reference key | Varchar(50) | - |
| 3 | Age | Not null | Int | Numeric |
| 4 | Gender | Not null | Varchar(6) | Male/ Female |
| 5 | email id | Unique ,not null | Varchar(50) | Eg.[sohamglobal@outlook.com](mailto:sohamglobal@outlook.com) |
| 6 | Mobile | Unique ,not null | Varchar(10) | Eg.9890275462 |
| 7 | Address | - | Varchar(50) | - |
| 8 | Security\_que | Not null | Varchar(50) | - |
| 9 | Answer | Not null | Varchar(30) | Alphanumeric |

1. **Doctor\_info table:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Doctorid | Reference key | Varchar(10) | Alphanumeric |
| 2 | Doctornm | Reference key | Varchar(50) | - |
| 3 | Specialization | Not null | Varchar(50) | - |
| 4 | Qualification | Not null | Varchar(50) | - |
| 5 | Mobile | Unique , Not null | Varchar(10) | Eg.9890275462 |
| 6 | Age | - | Int | Numeric |
| 7 | email id | Unique , not null | Varchar(50) | Eg.[sohamglobal@outlook.com](mailto:sohamglobal@outlook.com) |
| 8 | Experience | Not null | Int | Numeric |
| 9 | Achievements | - | Varchar(100) | - |

1. **Appointment table:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Appointid | Primary key | Varchar(10) | Alphanumeric |
| 2 | Patientid | Reference key | Varchar(10) | Alphanumeric |
| 3 | Patientnm | Reference key | Varchar(50) | - |
| 4 | Doctornm | Reference key | Varchar(50) | - |
| 5 | Date | Not null | Date | 05/11/2015 |
| 6 | Time | Not null | Varchar(20)/time | 11:30(AM/PM) |
| 7 | appointstatus | Default(Pending) | Varchar(15) | Pending/complete/cancelled |

1. **Patient\_illness table:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Patientid | Reference key | Varchar(10) | Alphanumeric |
| 2 | Patientnm | Reference key | Varchar(50) | - |
| 3 | Symptoms | - | Varchar(150) | - |
| 4 | Disease | - | Varchar(50) | - |
| 5 | Previ\_history | Default(null) | Varchar(5) | Yes/no |
| 6 | Doctornm | Default(null) | Varchar(50) | - |
| 7 | email id | Default(null) | Varchar(50) | Eg.[soham@outlook.com](mailto:soham@outlook.com) |
| 8 | mobile | Default(null) | Varchar(10) | Eg.9890275465 |

1. **New\_hospital table:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Hosp\_id | Primary key | Varchar(10) | Alphanumeric |
| 2 | Password | Not null | Varchar(10) | - |
| 3 | Hosp\_nm | Not null | Varchar(50) | - |
| 4 | Hosp\_add | Not null | Varchar(80) | Alphanumeric |
| 5 | Hosp\_mob | Unique , Not null | Varchar(10) | Eg.9874563215 |
| 6 | Hosp\_email | Unique , Not null | Varchar(50) | Eg.global@outlook.com |

1. **DELETE\_DOCTOR TABLE:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Doctorid | - | Varchar(10) | Alphanumeric |
| 2 | Doctornm | - | Varchar(50) | - |
| 3 | Specialization | - | Varchar(50) | - |
| 4 | Qualification | - | Varchar(50) | - |
| 5 | Mobile | - | Varchar(10) | Eg.9890275462 |
| 6 | Age | - | Int | Numeric |
| 7 | email id | - | Varchar(50) | Eg.[sohamglobal@outlook.com](mailto:sohamglobal@outlook.com) |
| 8 | Experience | - | Int | Numeric |
| 9 | Achievements | - | Varchar(100) | - |

1. **DELETE\_DOCTOR\_USER TABLE:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.NO** | **FIELDS** | **CONSTRAINTS** | **DATATYPE** | **POSSIBLE VALUES** |
| 1 | Userid | - | Varchar(10) | Alphanumeric |
| 2 | Usernm | - | Varchar(50) | - |
| 3 | Password | - | Varchar(10) | Alphanumeric |
| 4 | Usertype | - | Varchar(10) | Doctor |
| 5 | Userstatus | - | Varchar(10) | - |

**-:STORED PROCEDURES:-**

**1. FOR REGISTERING USERS:-**

**>**Create procedure RegisterUser

>(id varchar(10),nm varchar(50),ps varchar(10))

>Begin

>insert into users values(‘id’,’nm’,’ps’,default,default);

>end;

**2. FOR CHECKING USERID AND PASSWORD:-**

>Create procedure Authenticate

>(id varchar(10),ps varchar(10))

>Begin

>select \* from users where userid=’id’ and password=’ps’ and status=’active’;

>end;

**3. FOR ADDING NEW HOSPITAL:-**

>Create procedure AddHospital

>(id varchar(10),ps varchar(10),nm varchar(50),addr varchar(80),mob varchar(10),email

varchar(50))

>begin

>insert into new\_hospital values(‘id’,’ps’,’nm’,’addr’,’mob’,’email’);

>end;

**4. FOR ADDING NEW DOCTORS:-**

>Create procedure RegisterDoctor

>(id varchar(10),nm varchar(50),specizn varchar(50),qualif varchar(50),mob varchar(10),age

int,email varchar(50),expr int,achieve varchar(100)

>begin

>insert into doctor\_info values(‘id’,’nm’,’specizn’,’qualif’,’mob’,’age’,’email’,’expr’,’achieve’);

>end;

**5. FOR DELETING DOCTOR:-**

>Create procedure DeleteDoctor

>(id varchar(10))

>Begin

>delete from doctor\_info where userid=’id’;

>delete from users where userid=’id’;

>end;

**6. FOR BOOKING AN APPOINTMENT:-**

>Create procedure BookAppointment

>(aid varchar(10)pid varchar(10),pnm varchar(50),dnm varchar(50),date date,

time varchar(20)/time)

>begin

>insert into appointment values(‘aid’,’pid’,’pnm’,’dnm’,’date’,’time’);

>end;

**7. FOR ADDING PATIENT ILLNESS:-**

>Create procedure PatientIllness

>(pid varchar(10),pnm varchar(50),sympt varchar(150),dises varchar(50),prehis varchar(5),

doctnm varchar(50),email varchar(50),mob varchar(10))

>begin

>insert into patient\_illness values(‘pid’,’pnm’,’sympt’,’dises’,’prehis’,’doctnm’,’email’,’mob’);

>end;