**TABLE DESIGN**

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ROLL NO: 39

**1.** Table Name : LOGIN

Primary Key : Login\_id

Description : Table to keep login details

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1 | Login\_id | int | Id for login |
| 2 | Username | Varchar(25) | Username of person |
| 3 | Password | Varchar(25) | Password of person |
| 4 | Status | int | Role of person |

**2.** Table Name : REGISTRATION

Primary Key : Reg\_id

Foreign Key : Type \_id , Blood\_id , District\_id , State\_id

Description : Table to keep registration details

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Attributes | Data Type | Description |
| 1 | Reg\_id | int | Registration id |
| 2 | Username | Varchar(20) | Username of donor/patient |
| 3 | Password | Varchar(20) | Password of user |
| 4 | Gender |  | Gender of user |
| 5 | Date of Birth | Varchar(15) | Dob of user |
| 6 | Type\_id | Int | Id to identify the user is donor or patient |
| 7 | Blood\_id | Int | Id indicating blood group |
| 8 | Email\_id | Varchar(20) | Email address of user |
| 9 | Address | Varchar(30) | Address of user |
| 10 | Mobile\_no | Varchar(15) | Mobile num of user |
| 11 | District\_id | Int | Id of district |
| 12 | State\_id | Int | Id of state |

**3.** Table Name : DISTRICT

Primary Key : District\_id

Description : Table to keep district name

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1 | District\_id | Int | Id of district |
| 2 | District\_name | Varchar(20) | Name of district |

**4.** Table Name : STATE

Primary Key : State\_id

Description : Table to keep state details

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1 | State\_id | Int | Id of state |
| 2 | State\_name | Varchar(20) | Name of state |

**5.** Table Name : TYPE

Primary Key : Type\_id

Decription : Table to store role of user

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1 | Type\_id | Int | Id of user |
| 2. | Type | Varchar(20) | Type of user  Donor/Patient |

**6.** Table Name : BLOOD

Primary Key : Blood\_id

Description : Table to store details about blood group

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Attributes | Data Type | Description |
| 1 | Blood\_id | Int | Id of blood group |
| 2 | Blood\_group | Varchar(15) | Group of blood |

**7.** Table Name : PATIENT

Primary Key : Patient\_id

Foreign Key : Reg\_id

Description : Table to store patient detail

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Attributes | Data Type | Description |
| 1 | Patient\_id | Int | Id of patient |
| 2 | Reg\_id | Int | Registration Id |
| 3 | Organ needed | Varchar(20) | Description of needed organ |

**8 .** Table Name : DONOR

Primary Key : Donor\_id

Foreign Key : Reg\_id , Organ\_id

Description : Table to store donor details

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1. | Donor\_id | Int | Id of donor |
| 2. | Reg\_id | Int | Registration id |
| 3. | Fitness Certificate | Varchar(30) | Certificate showing health condition of donor |
| 4. | Organ\_id | Int | Id of organ |

**9.** Table Name : ORGAN

Primary Key : Organ\_id

Description : Table to store organ details

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Types | Description |
| 1. | Organ\_id | Int | Id of organ |
| 2. | Organ\_name | Varchar(15) | Name of Organ |

**10.** Table Name : REPORT

Foreign Key : Donor\_id , Patient\_id , Organ\_id

Description : Table to store donation report

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Attributes | Data Type | Description |
| 1. | Donor\_id | Int | Id of donor |
| 2. | Patient\_id | Int | Id of patient |
| 3. | Date | Date time | Date |
| 4. | Time | Date time | Time |
| 5. | Organ\_id | Int | Id of Organ |