**Table Design**

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**Roll no:03**

1. **Table : user**

Primary key: **User\_Id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE  (size) | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | User\_Id | Int(10) | Primary key, Autoincrement | User id |
| 2. | Username | Varchar(20) | Not Null,Unique | User name |
| 4. | Email | Varchar(30) | Not Null,Unique | Email |
| 5. | Password | Varchar(20) | Not Null | Password |
| 6. | ROLE | Varchar(15) | Not Null | Role of the user |
| 7. | Status | Varchar(15) | Not Null | For activating and deactivating user |

1. **Table : client**

Foreign key: **User\_Id** references table **user**

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| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | User\_Id | Int(10) | Foreign key | User Id |
| 2. | First name | Varchar(20) | Not Null | First name of client |
| 3. | Last name | Varchar(20) | Not Null | Last name of client |
| 4. | DOB | Date | Not Null | Date of birth |
| 5. | Phone no | Int(10) | Not Null Unique | Phone number |
| 6. | State | Varchar(20) | Not Null | State |
| 7. | District | Varchar(20) | Not Null | District |
| 8. | Pincode | Int(10) | Not Null | Pincode |

**3.Table : provider**

Primary key: **provider\_id**

Foreign key: **User\_Id** references table **user**

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| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | provider\_Id | Int(10) | Primary key, Auto increment | Provider id |
| 2. | User\_id | Int(10) | Foreign key | User id of provider |
| 3. | Provider name | Varchar(20) | Not Null | Provider name |
| 4. | Servicet types | Varchar(20) | Not Null | Type of services providing |
| 5. | Phone no | Int(10) | Not Null,Unique | Phone number |
| 6. | State | Varchar(20) | Not Null | State |
| 7. | District | Varchar(20) | Not Null | District |
| 8. | Email | Varchar(30) | Not Null,Unique | Email |

**4.Table : branch**

Primary key: **branch\_id**

Foreign key: **provider\_Id** references table **provider**

Foreign key: **manager\_Id** references table branch manager

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| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | branch\_Id | Int(10) | Primary key, Auto increment | Branch id |
| 2. | provider\_id | Int(10) | Foreign key | id of provider |
| 3. | Provider name | Varchar(20) | Not Null | Provider name |
| 4. | Servicet types | Varchar(20) | Not Null | Type of services providing |
| 5. | Manager\_Id | Int(10) | Foreignkey | Id of branch manager |
| 6. | State | Varchar(20) | Not Null | State |
| 7. | District | Varchar(20) | Not Null | District |
| 8. | Pincode | int(10) | Not Null,Unique | Pincode of branch |

**5.Table : branch manager**

Primary key: **manager\_id**

Foreign key: **User\_Id** references table **user**

Foreign key: **branch\_Id** references table **branch**

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| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | manager\_Id | Int(10) | Primary key, Auto increment | Branch manager id |
| 2. | User\_id | Int(10) | Foreign key | User id of branch manager |
| 3. | Branch\_id | Int(10) | Foreign key | branch id of branch |
| 4. | Provider name | Varchar(20) | Not Null | Provider name |
| 5. | Servicet type | Varchar(20) | Not Null | Type of service providing |
| 6. | Date\_of\_joining | Date | Not Null | Date joined in company |
| 7. | Phone no | Int(10) | Not Null,Unique | Phone number |
| 8. | State | Varchar(20) | Not Null | State |
| 9. | District | Varchar(20) | Not Null | District |
| 10. | Email | Varchar(30) | Not Null,Unique | Email |

**6.Table : worker**

Primary key: **worker\_id**

Foreign key: **User\_Id** references table **user**

Foreign key: **provider\_id** references table **provider**

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| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | Worker\_id | Int(10) | Primary key, Auto increment | Worker id |
| 2. | User\_Id | Int(10) | Foreign key | User Id of worker |
| 3. | branch\_id | Int(10) | Foreign key | Branch\_id which the worker works at |
| 4. | DOB | Date | Not Null | Date of birth |
| 5. | Job\_role | Varchar(20) | Not Null | Type of jobs which worker knows |
| 6. | Date of joining | Date | Not Null | Date of joining company |
| 8. | Phone no | Int(10) | Not Null,Unique | Phone number |
| 8. | State | Varchar(20) | Not Null | State |
| 9. | District | Varchar(20) | Not Null | District |
| 10. | Pincode | Int(10) | Not Null | Pincode |

**7.Table : booking**

Primary key: **booking\_id**

Foreign key: **User\_Id** references table **user**

Foreign key: **branch\_id** references table **branch**

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| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | booking\_id | Int(10) | Primary key, Auto increment | Booking id |
| 2. | User\_id | Int(10) | Foreign key | Clients User id |
| 3. | branch\_Id | Int(10) | Foreign key | Branch which the client booked |
| 4. | Booking\_date | Date | Not Null | Booking date |
| 5. | Booking\_time | Timestamp | Not Null | Booking time |
| 6. | Status | Varchar(10) | Not Null | Booking status |

**8.Table : service**

Primary key: **service\_id**

Foreign key: **worker\_id** references table **worker**

Foreign key: **User\_Id** references table **user**

Foreign key: **booking\_id** references table **booking**

Foreign key: **branch\_id** references table **branch**

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| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | service\_id | Int(10) | Primary key, Auto increment | Service id |
| 2. | worker\_id | Int(10) | Foreign key | Worker id of worker assigned for service |
| 3. | User\_Id | Int(10) | Foreign key | User Id of client |
| 4. | branch\_id | Int(10) | Foreign key | Branch id which the client booked |
| 5. | booking\_id | Int(10) | Foreign key | Booking id |
| 6. | Date | Date | Not Null | Date of booking |
| 5. | booking\_time | Timestamp | Not Null | Booking time |
| 7. | District | Varchar(20) | Not Null | District |
| 8. | Status | Varchar(20) | Not Null | Status of the service |

**9.Table : payment**

Primary key: **payment\_id**

Foreign key: **service\_id** references table **service**

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| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | payment\_Id | Int(10) | Primary key, Auto increment | Payment Id |
| 2. | service\_id | Int(10) | Foreign key | Service Id |
| 3. | payment\_date | Date | Not Null | Date of payment |
| 4. | Status | Varchar(10) | Not Null | Payment Status |

**10.Table : feedback**

Primary key: **rating\_id**

Foreign key: **service\_id** references table  **service**

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| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | rating\_id | Int(10) | Primary key, Auto increment | Rating Id |
| 2. | service\_id | Int(10) | Foreign key | Service Id |
| 3. | Rating | Int(5) | Not Null | Rating of the service |
| 4. | Review | Varchar(300) | Not Null | Review of the service |

**11.Table : Leave**

Primary key: **leave\_Id**

Foreign key: **worker\_Id** references table  **worker**

Foreign key: **branch\_Id** references table  **branch**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | leave\_Id | Int(10) | Primary key, Auto increment | Leave Id |
| 2. | worker\_id | Int(10) | Foreign key | Worker id which applied for leave |
| 3. | branch\_Id | Int(10) | Foreign key | Branch of the worker |
| 4. | start\_date | date | Not Null | Leave from which date |
| 5. | end\_date | date | Not Null | Leave upto which date |
| 6. | reason | Varchar(100) | Not Null | Reason for leave |

**12.Table : salary**

Primary key: **salary\_Id**

Foreign key: **worker\_Id** references table  **worker**

Foreign key: **branch\_Id** references table  **branch**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NO | FIELD NAME | DATA TYPE | KEY CONSTRAINT | DESCRIPTION OF THE FIELD |
| 1. | salary\_Id | Int(10) | Primary key, Auto increment | Salary id |
| 2. | worker\_id | Int(10) | Foreign key | Worker id which gets the salary |
| 3. | branch\_Id | Int(10) | Foreign key | Branch of the worker |
| 4. | date | date | Not Null | Date which salary is given |
| 5. | amount | int | Not Null | Salary amount |