**TABLE DESIGN**

1. **HOSTEL**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | **DESCRIPTION** |
| **Hostel id** | **varchar (50)** | **Primary key** |
| **No of rooms** | **Int (100)** | **Not null** |
| **No of students** | **Int (100)** | **Not null** |
| **Location** | **Varchar (100)** | **Not null** |
| **Student id** | **Varchar(50)** | **Foreign key** |

1. **LOGIN**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | **DESCRIPTION** |
| **username** | **Varchar(100)** | **Primary key** |
| **password** | **Varchar(100)** | **Not null** |
| **User type** | **Varcahr(10)** | **Not null** |

1. **ROOM**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | **DESCRIPTION** |
| **Capacity** | **Int (10)** | **Not null** |
| **Student id** | **Varchar(50)** | **Foreign key** |
| **Room no** | **Int(100)** | **Primary key** |

1. **Students**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Student id** | **Varchar(50)** | **Primary key** |
| **Name** | **Varchar(100)** | **Not null** |
| **Gender** | **Varchar(20)** | **Not null** |
| **DOB** | **Date** | **Not null** |
| **Address** | **Varchar(10)** | **Not null** |
| **District** | **Varchar(50)** | **Not null** |
| **Pincode** | **Int(7)** | **Not null** |
| **State** | **Varchar(20)** | **Not null** |
| **Mobile no** | **Int(10)** | **Not null** |
| **Email** | **Varchar(20)** | **Not null** |
| **Name\_guardian** | **Varchar(50)** | **Not null** |
| **Mobile\_guardian** | **Int(10)** | **Not null** |
| **Address\_guardian** | **Text** | **Not null** |
| **Course** | **Varchar(50)** | **Not null** |
| **Dept** | **Varchar(50)** | **Not null** |
| **Date of admission** | **Date** | **Not null** |
| **Date of completion** | **Date** | **Not null** |
| **Date of joining hostel** | **Date** | **Not null** |
| **Hostel id** | **Varchar(50)** | **Foreign key** |

**5.Feedback /complaint**

|  |  |  |
| --- | --- | --- |
| **COLOUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Feedback id** | **Varchar(50)** | **Primary key** |
| **Date** | **Date** | **Not null** |
| **Message** | **Text** | **Not null** |
| **Type** | **Varchar (50)** | **not null** |
| **Student id** | **Varchar(50)** | **Foreign key** |

1. **Notice board**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Nid** | **Varchar(10)** | **Primary key** |
| **Student id** | **Varchar(50)** | **Foreign key** |
| **Title** | **Varchar(100)** | **Not null** |
| **Content** | **Varchar(150)** | **Not null** |

1. **Attendance**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Atted id** | **Varchar(50)** | **Primarykey** |
| **Date** | **Date** | **Not null** |
| **Time** | **Time** | **Not null** |
| **Type** | **Varchar(50)** | **Not null** |
| **Room no** | **Varchar(50)** | **Foregin key** |
| **Attendence\_status** | **Varchar(20)** | **Not null** |

1. **Menu**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Price** | **Int** | **Not null** |
| **Day** | **Varchar(10)** | **Primary key** |
| **Type** | **Varchar(10)** | **Not null** |
| **Item** | **Varchar(10)** | **Not null** |
| **Time** | **Varcahr(10)** | **Not null** |

**9. Bill**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **Billid** | **Varchar(10)** | **Primary key** |
| **Student id** | **Varchar(10)** | **Foreign key** |
| **Status** | **Varchar(10)** | **Not null** |
| **Messfees** | **Int** | **Not null** |

1. **Staff**

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATA TYPE** | **DESCRIPTION** |
| **staffid** | **Varchar(20)** | **Primary key** |
| **Staff name** | **Varchar(20)** | **Not null** |
| **gender** | **Varchar(10)** | **Not null** |
| **Dob** | **Date** | **Not null** |
| **Address** | **Text** | **Not null** |
| **District** | **Varchar(20)** | **Not null** |
| **pincode** | **Int(7)** | **Not null** |
| **state** | **Varchar(20)** | **Not null** |
| **Email** | **Varchar(20)** | **Not null** |
| **phno** | **Int(10)** | **Not null** |
| **dept** | **Varchar(50)** | **Not null** |
| **Date of join hostel** | **Date** | **Not null** |
| **Hostel id** | **Varchar(20)** | **Foreign key** |