**Login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Username | Varchar(30) | Primary key |  | Login username |
| Password | Varchar(15) | Not null |  | Login password |

**Customer\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Customer\_id | Varchar(5) | Primary key |  | Customer id |
| Customer\_name | Varchar(30) | Not null |  | Customer name |
| Address | Varchar(200) | Not null |  | Customer address |
| City\_id | Varchar(5) | Foreign key | City | City\_id |
| Pincode | Numeric(10,0) | Not null |  | Customer city pincode |
| Contact | Numeric(15,0) | Not null |  | Customer number |
| Email | Varchar(50) |  |  | Customer email id |
| CST | Numeric |  |  |  |

**Supplier\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Supplier\_id | Varchar(10) | Primary key |  | Supplier id |
| Supplier\_name | Varchar(30) | Not null |  | Supplier name |
| Address | Varchar(200) | Not null |  | Supplier address |
| City\_id | Varchar(5) | Not null | Foreign key | City\_id |
| Pincode | Numeric(10,0) | Not null |  | Supplier city pincode |
| Contact | Numeric(15,0) | Not null |  | Supplier number |
| Email | Varchar(50) |  |  | Supplier email id |
| Cst | Numeric |  |  |  |

**Sales\_item\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Sales\_Item\_id | Varchar(15) | Foreign key | Item\_details |  |
| Item\_name | Varchar(20) | Not null |  |  |
| Item\_price | Numeric(10,2) | Not null |  |  |
| Item\_remain\_qty | Numeric(10,0) | Not null |  |  |

**Purchase\_item\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| item\_id | Varchar(15) | Primary key |  | Item id |
| Item\_name | Varhcar(20) | Not null |  | Item name |
| Item\_price | Varchar(10,2) | Not null |  |  |
| Item\_qty | Numeric(10,0) | Not null |  | Item quantity |

**Purchase**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Purchase\_id | Varchar(10) | Primary key |  | Purchase id |
| Supplier\_id | Varhcar(10) | Foreign key | Supplier table | Supplier if from supplier table |
| Pur\_date | Datetime | Not null |  | Date of purchase |
| Amount | Numeric(10,2) | Not null |  | Amount of purchase |

**Purchase\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| purchase\_id | Varchar(10) | Primary key |  | sales id |
| Item\_id | Varhcar(10) | Foreign key | Customer table | Customer id from customer table |
| Qty | Datetime | Not null |  | Date of sales |
| Rate | Numeric(10,2) | Not null |  | Amount of sales |
| Amount | Numeric(10,2) | Not null |  |  |

**Purchase\_return**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Purc\_ret\_id | Varchar(10) | Not null |  | Id of purchase returns |
| Purchase\_id | Varchar(10) | Foreign key | Purchase table | Id of purchase from purchase table |
| Pur\_return\_date | Datetime | Not null |  | Purchase returns date |
| Total | Numeric(10,2) | Not null |  |  |
| Return\_descr | Varchar(200) | Not null |  | Purchase return description |

**Purchase\_return\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Return\_id | Varchar(10) | Primary key |  | sales id |
| Item\_id | Varhcar(10) | Foreign key | Customer table | Customer id from customer table |
| Qty | Numeric(10,0) | Not null |  | Date of sales |
| Rate | Numeric(10,2) | Not null |  | Amount of sales |
| Amount | Numeric(10,2) | Not null |  |  |

**Sales**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Sales\_id | Varchar(10) | Primary key |  | sales id |
| Customer\_id | Varhcar(10) | Foreign key | Customer table | Customer id from customer table |
| Sales\_date | Datetime | Not null |  | Date of sales |
| Amount | Numeric(10,2) | Not null |  | Amount of sales |

**Sales\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Sales\_id | Varchar(10) | Primary key |  | sales id |
| Item\_id | Varhcar(10) | Foreign key | Customer table | Customer id from customer table |
| Qty | Numeric(10,0) | Not null |  | Date of sales |
| Rate | Numeric(10,2) | Not null |  | Amount of sales |
| Amount | Numeric(10,2) | Not null |  |  |

**Sales\_return**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Sales\_ret\_id | Varchar(10) | Not null |  | Id of sales returns |
| Sales\_id | Varchar(10) | Foreign key | Sales table | Id of sales from sales table |
| sale\_return\_date | Datetime | Not null |  | sales returns date |
| Total | Numeric(10,2) | Not null |  |  |
| Return\_descr | Varchar(200) | Not null |  | sales return description |

**Sales\_return\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Sales\_id | Varchar(10) | Primary key |  | sales id |
| Item\_id | Varhcar(10) | Foreign key | Customer table | Customer id from customer table |
| Qty | Numeric(10,0) | Not null |  | Date of sales |
| Rate | Numeric(10,2) | Not null |  | Amount of sales |
| Amount | Numeric(10,2) |  |  |  |

**City**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| City\_id | Varchar(5) | Primary key |  | City id |
| City\_name | Varchar(20) | Not null |  | City Name |

**Order\_master**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Order\_id | Varchar(5) | Primary key |  |  |
| Customer\_id | Varchar(5) | Foreing key |  |  |
| Status | Varchar(20) | Not null |  |  |
| Date | Datetime | Not null |  |  |

**Order\_details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **If Fk, referenced from** | **Description** |
| Order\_id | Varchar(5) | Primary key |  |  |
| Item\_id | Varchar(15) | Not null |  |  |
| Qty | Numeric(10) | Not null |  |  |