**HYPERMART AUTOMATION**

**TABLE DESIGN**

**1. Table Name: TB\_SHOPREGISTRATION**

Primary key:mobile

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraints** | **Description** |
| Shop\_id | Int(10) | Primary key | Shop id |
| Shop\_name | Varchar(30) | Not null | Shop name |
| Shop\_owner | Varchar(30) | Not null | Shop owner |
| Shop\_address | Varchar(30) | Not null | Shop Address |
| S\_mobile | Int(10) | Not null | Shop Contact Number |
| Status | Int(10) | Not null | Shop Status |

**2. Table Name: TB\_CUSTOMERREGISTRATION**

Primary key :cust\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Cust\_id | Int(10) | Primary key | Cust id |
| Cust\_name | Varchar(50) | Not null | Customer name |
| Cust\_address | Varchar(50) | Not null | Customer Address |
| Cust\_mobile | Int(10) | Not null | Customer Mobile |
| Status | Int(10) | Not null | Status |

**3. Table Name :TB\_LOGIN**

Primary key : log\_id

Foreign key: mobile

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Log\_id | Int(10) | Primary key | Student id |
| Mobile | Int(10) | Foreign key | Mobile |
| Pswd | Varchar(50) | Not null | Password |
| Role | Varchar(50) | Not null | Role |
| Dev\_id | Varchar(50) | Not null | Device id |
| Status | Int(10) | Not null | Status |

**4.Table Name:TB\_COMPANY**

Primary key:company\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Company\_id | Int(10) | Primary key | Company id |
| Name | Varchar(50) | Not null | Company name |
| Status | Int (10) | Not null | Status |

**5. Table Name: TB\_STOCK**

Primary key: stock\_id

Foreign key: company\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Stock\_id | Int(10) | Primary key | Stock id |
| Company\_id | Int(10) | Foreign key | Company id |
| Stock\_left | Int (10) | Not null | Stock left |
| Status | Int(10) | Not null | Status |

**6. Table Name: TB\_PRODUCT**

Primary key: product\_id

Foreign key: shop\_id,stock\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Product\_id | Int(10) | Primary key | Product id |
| Shop\_id | In(10) | Foreign key | Shop id |
| Stock\_id | Int(10) | Foreign Key | Stock id |
| Name | Varchar(50) | Not Null | Product name |
| Barcode | Varchar(50) | Not Null | Barcode value |
| Price | Int(10) | Not Null | Price |

**7. Table Name: TB\_CART**

Primary key: cart\_id

Foreign key: product\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Cart\_id | Int(10) | Primary key | Cart id |
| Product\_id | Int(10) | Foreign key | Product id |
| Quantity | Int(10) | Not null | Quantity |
| Status | Int(10) | Not null | Cart status |

**8.Table Name: TB\_PURCHASE**

Primary key: purchase\_id

Foreign key: cart\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Purchase\_id | Int(10) | Primary key | Purchase id |
| Cart\_id | Int(10) | Foreign key | Cart id |
| Total | Int(10) | Not null | Total price |
| Date | Date | Not null | Date of purchase |
| Type | Int(20) | Not null | Transaction Type |
| Status | Int(10) | Not null | Status |

**9.Table Name: TB\_OFFER**

Primary key: offer\_id

Foreign key: product\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Offer\_id | Int(10) | Primary key | Offer\_id |
| Product\_id | Int(10) | Foreign key | Product\_id |
| Start\_date | Date | Not null | Offer starting date |
| End\_date | Date | Not null | Offer ending date |
| Discount | Int(20) | Not null | Discount rate |
| Status | Int(10) | Not null | Status |