|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Entity Name**  **Data Dictionary for Wholey Moley Foods** | **Attribute Name** | **Data Type** | **Length** | **Key**  **(P/F)** | **Table Name of Foreign Key** | **Constraints** | **Description** |
| Customer | customerID | Smallint |  | PK |  |  | Unique customer No. |
|  | cFirstName | Varchar | 20 |  |  |  |  |
|  | cLastName | Varchar | 20 |  |  |  |  |
|  | cStreet | Varchar | 50 |  |  |  |  |
|  | cCity | Varchar | 20 |  |  |  |  |
|  | cPostcode | char | 4 |  |  |  |  |
|  | cDOB | Date |  |  |  |  |  |
|  | customerType | Varchar | 40 |  |  |  | i.e. ResidentialAccount, businessAccount or cash |
|  | creditStatus | Smallmoney |  |  |  |  |  |
|  | email | varchar | 320 |  |  |  |  |
| Employee | employeeID | nvarchar | 6 | PK |  |  | Unique employee No.  Letter + number, i.e. Byn1 |
|  | eFirstName | Varchar | 20 |  |  |  |  |
|  | eLastName | Varchar | 20 |  |  |  |  |
|  | eStreet | Varchar | 50 |  |  |  |  |
|  | eCity | Varchar | 20 |  |  |  |  |
|  | ePostcode | Char | 4 |  |  |  |  |
|  | contactPhoneNo | Varchar | 20 |  |  |  |  |
|  | emergenContactNo | Varchar | 20 |  |  |  |  |
|  | eDOB | Date |  |  |  |  |  |
|  | dateOfHire | Date |  |  |  |  |  |
|  | jobTitle | Varchar | 10 |  |  |  |  |
|  | reportTo | nvarchar | 6 |  |  |  | Same data type with employeeID |
|  | currentPayRate | Decimal | (4,2) |  |  |  |  |
|  | onBoard | Varchar | 3 |  |  |  | ‘yes’ or ‘no’ |
| Branch | branchID | nvarchar | 5 | PK |  |  | i.e. Bran1, Wash1 |
|  | branchName | Varchar | 50 |  |  |  |  |
|  | bStreet | Varchar | 50 |  |  |  |  |
|  | bCity | Varchar | 20 |  |  |  |  |
|  | bArea | Varchar | 20 |  |  |  |  |
|  | bPostcode | Char | 4 |  |  |  |  |
| Item | itemID | Varchar | 10 | PK |  |  |  |
|  | itemDesc | Varchar | 40 |  |  |  |  |
|  | size | Int |  |  |  |  |  |
|  | subTo | Varchar | 10 |  |  |  | Same data type with itemID |
| SkillSet | skillCode | Char | 2 | PK |  |  | i.e. FA-First Aid Vertificate |
|  | skillDesc | Varchar | 30 |  |  |  |  |
| Allergen | allergenCode | Char | 4 | PK |  |  |  |
|  | allergenDesc | varchar | 30 |  |  |  |  |
| Account | accountID | Int |  | PK |  |  |  |
|  | accountName | varchar | 50 |  |  |  |  |
|  | balance | Smallmoney |  |  |  |  |  |
|  | lastPaymentDate | Date |  |  |  |  |  |
|  | typeOfPayment | Varchar |  |  |  |  |  |
|  | customerID | Smallint |  | FK | Customer |  |  |
| WorkingHour | employeeID | nvarchar | 6 | FK  PK | Employee |  | Foreign key as primary key |
|  | workDate | Date |  | PK |  |  |  |
|  | branchName | Varchar | 50 |  |  |  |  |
|  | startTime | Time |  |  |  |  |  |
|  | finishTime | Time |  |  |  |  |  |
| EmployeeSkill | employeeID | nvarchar | 6 | FK  PK | Employee |  | Foreign key as primary key |
|  | skillCode | char | 2 | FK  PK | SkillSet |  | Foreign key as primary key |
| ItemAllergen | itemID | Varchar | 10 | FK  PK | Item |  | Foreign key as primary key |
|  | allergenCode | Char | 4 | FK  PK | Allergen |  | Foreign key as primary key |
| EmployeeBaseBranch | employeeID | nvarchar | 6 | FK  PK | Employee |  | Foreign key as primary key |
|  | branchID | nvarchar | 5 | FK  PK | Branch |  | Foreign key as primary key |
| BranchItem | branchID | nvarchar | 5 | FK  PK | Employee |  | Foreign key as primary key |
|  | itemID | Varchar | 10 | FK  PK | Item |  | Foreign key as primary key |
|  | onHandNum | Decimal | (4,0) |  |  |  |  |
| Orders | orderID | Smallint |  | PK |  |  |  |
|  | orderDate | Date |  |  |  |  |  |
|  | branchID | nvarchar | 5 | FK |  |  | Order branch |
|  | pickUpDate | Date |  |  |  |  |  |
|  | pickUpBranch | nvarchar | 5 |  |  |  | Pick up Branch |
|  | creditAuthoStatus | char | 20 |  |  |  | i.e. Accepted, on-hold or more information |
|  | employeeID | nvarchar | 6 | FK |  |  |  |
|  | customerID | smallint |  | FK |  |  |  |
| OrderLine | orderID | Smallint |  | FK  PK | Order |  | Foreign key as primary key |
|  | itemID | Varchar |  | FK  PK | Item |  | Foreign key as primary key |
|  | numOrdered | Decimal | (3,0) |  |  |  |  |
|  | unitPrice | Decimal | (6,2) |  |  |  |  |