

Entity Name	Attribute Name	Data Type	Length	Key (P/)	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,
	creditStatus	Smallmone					
	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				
	emergenContact	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	Smallmone					
	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)				