

## TABLE DESIGN

### Farmers

Field	Datatype	Constraints
<u>FarmerId</u>	Int	Primary key
FirstName	Varchar(50)	Not Null
LastName	Varchar(50)	Not Null
HouseName	Varchar(200)	Not Null
City	Varchar(50)	Not Null
PinCode	Int(6)	Not Null
occupation	Varchar(20)	Not null
Gender	Varchar(10)	Not Null
DOB	Date	Not Null
RationcardNo	Int	Not null
AadharNo	Int	Not null
Email	email	Not Null
Mobile	Numeric	Not Null
AccNo	Int	Not Null
Societycode	Int	Foreign key

### MilkSocietyDetails

Field	Datatype	Constraints
Societycode	Int	Primary key
District	Varchar(20)	Not null
Subdistrict	Varchar(50)	Not null
Panchayath	Varchar(50)	Not null
WardNo	Int	Not null
Pincode	Int	Not null

## Bank

Field	Datatype	Constraints
IFSCcode	Int	Primary key
Bankname	Varchar(50)	Not null
Branch	Varchar(50)	Not null
Accno	Int	Not null

## cattle

Field	Datatype	Constraints
CattleId	Int	Primary key
<u>EarTagID</u>	Int	Not Null
CattleType	Varchar(10)	Not Null
BreedName	Varchar(50)	Not Null
weight	Int	Not Null
Age	Int	Not Null
Color	Varchar(50)	Not Null
healthstatus	Varchar(50)	Not null
FarmerId	Int	Foreign key

## Health

Field	Datatype	Constraints
CattleId	Int	Primary key
FarmerId	Int	Foreign key
Height	Int	Not Null
Weight	Int	Not Null
Age	Int	Not null
feed	Varchar(50)	Not null
medicine	Varchar(50)	
MilkObtained/day	Int	Not Null
Healthstatus	Varchar(50)	Not Null

## CattleType

Field	Datatype	Constraints
CattleId	Int	Primary key
CattleType	Varchar(50)	Not Null
FarmerId	Int	Not null
EartagId	Int	Foreign Key

## BreedType

Field	Datatype	Constraints
BreedId	Int	Primary key
BreedName	Varchar(50)	Not Null
EarType	Varchar(50)	Not null
Height	Int	Not null

#### 4. Product

Field	Datatype	Constraints
productCode	Int	Primary key
productType	Varchar(50)	Not null
FarmerId	Int	Foreign key

#### 5. ProductDetails

Field	Datatype	Constraints
<u>ProductCode</u>	Int	Primary key
ProductName	Varchar(50)	Not Null
MfgDate	Date	Not null
ExpiryDate	Date	Not Null
Gradelevel	Int	Not Null
Quantity	Int	Not Null
Price	Float	Not Null

#### 6. CustomerRegister

Field	Datatype	Constraints
<u>CustomerNo</u>	Int	Primary key
<u>OrderNo</u>	Int	Primary key
CustomerName	Varchar(50)	Not Null
City	Varchar(50)	Not Null
Gender	Varchar(10)	Not Null
Email	Email	Not Null
CardNo	Int	Not Null

## OrderDetails

Field	Datatype	Constraints
<u>OrderNo</u>	Int	Primary Key
<u>ProductId</u>	Int	Foreign Key
Quantity	Int	Not Null
Amount	Float	Not Null

## Payment

Field	Datatype	Constraints
<u>PaymentId</u>	Int	Primary key
PaymentDate	Date	Not Null
Amount	Float	Not Null
<u>OrderId</u>	Int	Foreign key

## Customerpayment

Field	Datatype	Constraints
<u>PaymentId</u>	Int	Primary key
<u>CustomerNo</u>	Int	Foreign key

## QualityTestdetails

Field	Datatype	Constraints
<u>ProductId</u>	Int	Primary key
Quality cfu/ml	Int	Not Null
Qualitylevel	Varchar(20)	Not Null

### Notification

Field	Datatype	Constraints
NotificationNo	Int	Primary key
CustomerNo	Int	Foreign key
FarmerId	Int	Foreign key

### NotificationMessage

Field	Datatype	Constraints
NotificationNo	Int	Primary key
Date	Date	Not Null
Message	Varchar(500)	Not Null

### Complaint/FeedbackMessage

Field	Datatype	Constraints
Complaint/FeedbackNo	Int	Primary key
Date	Date	Not Null
Message	Varchar(500)	Not Null

### FarmerFeedback

Field	Datatype	Constraints
Complaint/FeedbackNo	Int	Primary key
FarmerId	Int	Foreign Key

### CustomerFeedback

Field	Datatype	Constraints
Complaint/FeedbackNo	Int	Primary key
CustomerNo	Int	Foreign key

## LoginDetails

Field	Datatype	Constraints
UserId	Int	Primary Key
Password	Varchar(6)	Not null
Email	Email	Not null
RoleId	Int	Foreign Key

## Role

Field	Datatype	Constraints
email	Email	Not Null
password	Varchar(6)	Not Null

## UserDetails

Field	Datatype	Constraints
RoleId	int	Primary Key
RollName	Varchar(6)	Not Null

