1. Flowchart

START

Login

Yes

Employee ID

First Name

Last Name

ID Number

DOB

Mobile Number

E-mail Address

No

No

No

No

Yes

Yes

Yes

Seedling ID

Expected Planting Date

Purchase Date

Quantity

Crop type

Sales

Sales ID

Product Sold

Date

Quantity Sold

Price

Sales Made

Seedlings

Update Seedlings and Crops?

Ferilizer/Chemical

Fertilizer/Chemical ID

Fertilizer/Chemical Name

Company

Expiry Date

Quantity  
Date of Purchase

Dosage

Update Farm Chemicals/Fertilizers?

Employee

Query Employee

Update Employee Details?

Employee

Update Employee

Employee ID

First Name

Last Name

ID Number

DOB

Mobile Number

E-mail Address

New Employee Details?

1. DFD
2. USE CASE DIAGRAM

LOGIN

ADD EMPLOYEES

UPDATE EMPLOYEES

ADD CHEMICALS/ FERTILIZERS

ADD SEEDLINGS /CROPS

ADD SALES

1. Database Design

Seedling ID

Expected Planting Date

Purchase Date

Quantity

Crop Type

Price

Seedlings

Employee ID

First Name

Last Name

ID Number

DOB

Mobile Number

1. mail

Employment Date

Termination Date

Salary

Employees

Username

Password

Admin

Sales ID

Product sold

Date

Quantity sold

Price

Sales made

Sales

Fertilizers/Chemical ID

Fertilizer/Chemical Name

Company

Expiry Date

Quantity

Date of Purchase

Dosage

Price

Fertilizers