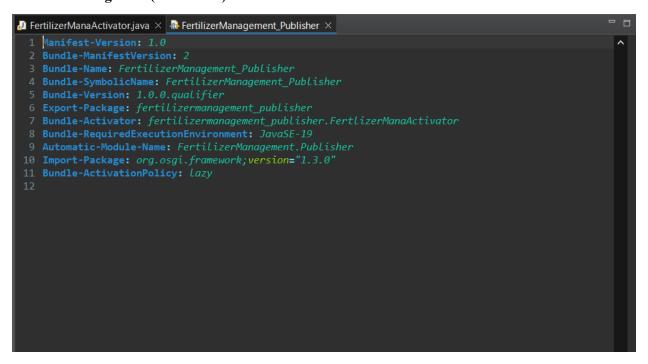
IT2151380 Kularathna D.G.J.C

The customer has selected the fertilizers, they will need. First, the customer chooses the type of fertilizer name And also, the customer can see the Unit Price. The admin can add fertilizers and remove fertilizers in the first option and can print the stock details and get fertilizer quantity.

Manifest Implementation Fertilize Management(IT2151380)



Producer Installation

Fertilize Management(IT2151380)

Consumer Installation

Fertilize Management(IT2151380)

```
🕖 FertilizerManaActivator.java 🗡
                  System.out.println();
                 System.out.print("Enter your choice: ");
                 operation = scanner.next();
                 if(operation.equalsIgnoreCase("a")) {
                      double unitPrice = 0;
                      System.out.print("\nEnter Fertilizer Name : ");
                      String FertilizerName = scanner.next();
                      System.out.print("Enter quantity: ");
                      Fertilizers fertilizers = stockService.getFertilizersByName(FertilizerName);
                      if(fertilizers == null) {
                           System.out.print("Enter Unit Price: ");
                          unitPrice = scanner.nextDouble();
                      stockService.addFertilizers(FertilizerName, quantity, unitPrice);
                  }else if(operation.equalsIgnoreCase("b")) {
                      String FertilizerName = scanner.next();
                      System.out.print("Enter quantity: ");
                      int quantity = scanner.nextInt();
                 }else if(operation.equalsIgnoreCase("c")) {
    System.out.print("Enter fertilizer name: ");
                      String FertilizerName = scanner.next();
```

```
String FertilizerName = scanner.next();

stockService.deleteFertilizers(FertilizerName);

stockService.deleteFertilizers(FertilizerName);

stockService.getAllData();

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName));

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockService.getQuartity(FertilizerName);

stockSer
```

Behaviors and Outputs Fertilize Management(IT2151380)

```
■ Console ×
F. Subscriber | OSGi | Framework | C\Program | Files\Java\jdk-19\bin\javaw.exe | (Mar 5, 2024, 10:09:31 AM) | [pid: 20868]
g! start 3

| Welcome to Fertilizer | App |

What would you like to do?
a. Add a fertilizer.
c. Remove a fertilizer.
d. Print the stock Details.
e. Get fertilizer quantity.
h. View out of stock Products.
i. Type "stop" to end.

Enter your choice: a

Enter Fertilizer Name : Organic
Enter quantity: 20
Enter Unit Price: 550

| Updated Stock |

| Product Name | In Stock | Unit Price |

| Organic | 20 | Rs.550.0 |
```

■ Console ×						
F_Subscriber [OSGi Framework] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 5, 2024, 10:09:31 AM) [pid: 20868]						
Product Name	In Stock	Unit Price	1			
Organic	20	Rs.550.0	T			
What would you like to do?						
a. Add a fertilizer c. Remove a fertili d. Print the stock e. Get fertilizer o h. View out of stoo i. Type "stop" to e	izer. Details. quantity. ck Products.					
Enter your choice:						
Enter Fertilizer Na Enter quantity: 50 Enter Unit Price: 1						
Updated Stock						
Product Name	In Stock	Unit Price	l			
Organic Urea	20 50	Rs.550.0 Rs.11550.0				

Ureasuccessfully deleted.