



# Agriculture Management System

# TEAM MEMBERS

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# PROPOSED SYSTEM

- ❑ We have used library files **java.io.\*** and **java.util.\***
- ❑ We have made 3 classes named **Project** , **variable** , **Menu**. In Project class object of menu is made and function is called.
- ❑ We have inherited variable class in Menu class (**Single level Inheritance**).
- ❑ We have used **ArrayList**.
- ❑ We have used **File Handling** which uses **FileWriter** and **BufferedWriter** class , by using their objects we have stored output in different files.
- ❑ **Exception Handling** is used to catch the exception caused due to file handling if any.

# SCREENSHOT

1

```
*****
HOME
*****

1. To Enter As A Seller Press 1

2. To Enter As A Buyer Press 2

3. To Exit Press 3

Enter Your Choice: 1

Are You New Seller? (Press 'Y' For Yes And 'N' For No): Y
```

2

```
*****
SELLER
*****

Full Name: Ujjval
User Name: ujjval7777
Password: 12345
Address: abcd society
City: gandhinagar
State: Gujarat
DOB: 26-07-2002
Email: ujjval@gmail.com
Contact: 1234567890
```

3

```
*****
SELLER
*****

Enter Username: ujjval7777
Enter Password: 12345
```

4

```
*****
SELLER
*****

1. CREATE PRODUCT

2. MODIFY PRODUCT

3. DELETE PRODUCT

4. VIEW ALL PRODUCTS

5. BACK TO MAIN MENU

Enter Your Choice: 1
```

6

```

*****
CREATE PRODUCT
*****

Enter How Much Items You Want To Insert: 5

Enter Product 1 Id: 1
Enter Product 1 Name: Wheat
Enter Product 1 Price(Per kg): 100

Enter Product 2 Id: 2
Enter Product 2 Name: Pulses
Enter Product 2 Price(Per kg): 400

Enter Product 3 Id: 3
Enter Product 3 Name: Corn
Enter Product 3 Price(Per kg): 50

Enter Product 4 Id: 4
Enter Product 4 Name: Mango
Enter Product 4 Price(Per kg): 700

Enter Product 5 Id: 5
Enter Product 5 Name: Tomato
Enter Product 5 Price(Per kg): 80

Do You Want To Create New Product(Press y for yes and n for no):n

Press 1 For Return To Main Menu and Press 2 to Exit: 1

```

7

```

*****
SELLER
*****

1. CREATE PRODUCT
2. MODIFY PRODUCT
3. DELETE PRODUCT
4. VIEW ALL PRODUCTS
5. BACK TO MAIN MENU

Enter Your Choice: 2

```

8

```

*****
MODIFY PRODUCT
*****

PID      PRODUCT NAME      PRICE
1        Wheat          100
2        Pulses         400
3        Corn           50
4        Mango          700
5        Tomato         80

Enter Product's Number Which You Want To Change: 4

Enter New Price: 1000

Press 1 For Return To Main Menu and Press 2 to Exit: 1

```

9

```

*****
      SELLER
*****

1. CREATE PRODUCT

2. MODIFY PRODUCT

3. DELETE PRODUCT

4. VIEW ALL PRODUCTS

5. BACK TO MAIN MENU

Enter Your Choice: 3

```

11

```

*****
      SELLER
*****

1. CREATE PRODUCT

2. MODIFY PRODUCT

3. DELETE PRODUCT

4. VIEW ALL PRODUCTS

5. BACK TO MAIN MENU

Enter Your Choice: 4

```

10

```

*****
      DELETE PRODUCTS
*****

PID      PRODUCT NAME      PRICE
1         Wheat             100
2         Pulses             400
3         Corn               50
4         Mango              1000
5         Tomato             80

Enter Product's Number Which You Want To Delete: 3

PID      PRODUCT NAME      PRICE
1         Wheat             100
2         Pulses             400
4         Mango              1000
5         Tomato             80

Press 1 For Return To Main Menu and Press 2 to Exit: 1

```

12

```

*****
      VIEW PRODUCTS
*****

PID      PRODUCT NAME      PRICE
1         Wheat             100
2         Pulses             400
4         Mango              1000
5         Tomato             80

Press 1 For Return To Main Menu and Press 2 to Exit: 1

```

13

```

*****
      SELLER
*****

1. CREATE PRODUCT

2. MODIFY PRODUCT

3. DELETE PRODUCT

4. VIEW ALL PRODUCTS

5. BACK TO MAIN MENU

Enter Your Choice: 5

```

15

```

*****
      BUYER
*****

Full Name: Neel
User Name: neel18
Password: 67890
Address: EFGH Society
City: Ahmedabad
State: Gujarat
DOB: 23-09-2002
Email: neel18@gnu.ac.in
Contact: 0987654321

```

14

```

*****
      HOME
*****

1. To Enter As A Seller Press 1

2. To Enter As A Buyer Press 2

3. To Exit Press 3

Enter Your Choice: 2

Are You New Buyer? (Press 'Y' For Yes And 'N' For No): y

```

16

```

*****
      BUYER
*****

Enter Username: neel18
Enter Password: 67890

```

17

```

*****
                BUYER
*****

1. VIEW ALL PRODUCTS

2. BUY PRODUCTS

3. VIEW CART AND BILL

4. BACK TO MAIN MENU

Enter Your Choice: 1

```

18

```

*****
                VIEW PRODUCTS
*****

PID      PRODUCT NAME    PRICE
1         Wheat          100
2         Pulses          400
4         Mango           1000
5         Tomato          80

Press 1 For Return To Main Menu Press 2 to Exit: 1

```

19

```

*****
                BUYER
*****

PID      PRODUCT NAME    PRICE
1         Wheat          100
2         Pulses          400
4         Mango           1000
5         Tomato          80

Enter PID You Want To Buy: 1

Enter Quantity: 10

Do You Want To Buy Another Product (Press y For Yes And n For No):y

Enter PID You Want To Buy: 2

Enter Quantity: 25

Do You Want To Buy Another Product (Press y For Yes And n For No):y

Enter PID You Want To Buy: 4

Enter Quantity: 20

Do You Want To Buy Another Product (Press y For Yes And n For No):y

Enter PID You Want To Buy: 5

Enter Quantity: 35

Do You Want To Buy Another Product (Press y For Yes And n For No):n

Press 1 For Return To Main Menu: 1

```



20

```

*****
          BUYER
*****

1. VIEW ALL PRODUCTS
2. BUY PRODUCTS
3. VIEW CART AND BILL
4. BACK TO MAIN MENU

Enter Your Choice: 3

```

22

```

*****
          BUYER
*****

1. VIEW ALL PRODUCTS
2. BUY PRODUCTS
3. VIEW CART AND BILL
4. BACK TO MAIN MENU

Enter Your Choice: 4

```

21

```

*****
          CART
*****

      PID      PRODUCT NAME      QUANTITY      PRICE
      1         Wheat           10           1000
      2         Pulses          25          10000
      4         Mango           20          20000
      5         Tomato           35           2800

                                     Total Price: 33800

Press 1 For Return To Main Menu and Press 2 to Exit: 1

```

23

```

*****
          HOME
*****

1. To Enter As A Seller Press 1
2. To Enter As A Buyer Press 2
3. To Exit Press 3

Enter Your Choice: 3

```

```
*****
```

```
HOME
```

```
*****
```

```
1. To Enter As A Seller Press 1
```

```
2. To Enter As A Buyer Press 2
```

```
3. To Exit Press 3
```

```
Enter Your Choice: 3
```

```
PS C:\Users\Admin\My Drive\SEM-3\OOP\Project\src\project> █
```

# Seller\_Login\_History.txt

```
Seller_Login_History - Notepad
File Edit Format View Help

SELLER Login History
*****

Username: jinay

*****

SELLER Login History
*****

Username: Jinay

*****

SELLER Login History
*****

Username: Purav

*****

SELLER Login History
*****

Username: Purav

*****

SELLER Login History
*****

Username: Ujjval7777

Ln 57, Col 1 100% Unix (LF) UTF-8
```

# All\_Products.txt

```
All_Products - Notepad
File Edit Format View Help

*****
PID          PRODUCT NAME      PRICE
1            a                20000
2            b                40000

*****
All PRODUCTS
*****
PID          PRODUCT NAME      PRICE
1            Wheat            100
2            Pulses            400
4            Mango            1000
5            Tomato            80

*****
All PRODUCTS
*****
PID          PRODUCT NAME      PRICE
1            Wheat            100
2            Pulses            400
4            Mango            1000
5            Tomato            80

Ln 107, Col 20    100%    Unix (LF)    UTF-8
```

# Buyer\_Login\_History.txt

```
Buyer_Login_History - Notepad
File Edit Format View Help

*****
BUYER Login History
*****
Username: Jinay

*****
BUYER Login History
*****
Username: Jinay

*****
BUYER Login History
*****
Username: jinay

*****
BUYER Login History
*****
Username: Jinay

*****
BUYER Login History
*****
Username: neel18

Ln 19, Col 4 100% Unix (LF) UTF-8
```

# Bill.txt

Bill - Notepad

File Edit Format View Help

\*\*\*\*\*

## CART

\*\*\*\*\*

PID	PRODUCT NAME	QUANTITY	PRICE
1	Wheat	10	1000
2	Pulses	25	10000
4	Mango	20	20000
5	Tomato	35	2800
			Total Price: 33800

Ln 1, Col 1

100%

Unix (LF)

UTF-8

# Bill\_All\_Records.txt

Bill\_All\_Records.txt - Notepad  
File Edit Format View Help

Total Price: 100

\*\*\*\*\*  
CART  
\*\*\*\*\*

PID	PRODUCT NAME	QUANTITY	PRICE
1	a	10	1000
2	s	20	4000
3	d	30	9000
4	f	40	16000
5	g	50	25000
1	a	15	1500

Total Price: 56500

\*\*\*\*\*  
CART  
\*\*\*\*\*

PID	PRODUCT NAME	QUANTITY	PRICE
1	Wheat	10	1000
2	Pulses	25	10000
4	Mango	20	20000
5	Tomato	35	2800

Total Price: 33800

Ln 1, Col 1

100%

Unix (LF)

UTF-8

# FLOWCHART

Link:

<https://drive.google.com/drive/folders/1SdbuOUIhdW7Jh2kbM3-SjqpCfVArbAbc?usp=sharing>



# FUTURE ENHANCEMENT

- ❑ We can create admin who can manage users , can manage products.
- ❑ We can create a system that collect coupon codes and gives discounts accordingly.
- ❑ We can apply java and database connectivity (JDBC).
- ❑ We may also deploy a web application by connecting it with different servers.
- ❑ We may also try for Android / iOS applications.



A photograph of a greenhouse interior. A wooden plank path leads from the foreground towards the back. To the left of the path is a dense arrangement of tall, feathery green plants. To the right is a pond with large, round lily pads and some small white flowers. A dark green watering can sits on the wooden path. The greenhouse has a glass roof and walls, with a large window at the far end. The text "Thank you!" is written in a white, cursive font across the center of the image.

*Thank you!*