

FARMERS AGRONOMY

YOUR GUIDE TO ALL AGRICULTURE NEEDS

Bhavya Prakash NUID:002774235
Utkarsha Shirke NUID: 002797914
Supriya Tripathi NUID: 002770986

WHAT ARE WE SOLVING? 🌱



- By 2050, the world's population is projected to be about 9 billion by the UN. To keep up with it food production also needs to be ramped up.
- We aspire to help farmers in enhancing their crop productivity and adopting sustainable agricultural practices. We'll help them in understanding their land's need and what would be most beneficial for them
- Old and conventional farming techniques are still prevalent, leading to massive losses at times. We aspire to educate the farmers and provide them with relevant information on best farming practices.
- Our platform serves as a one stop solution for all farming needs. Farmers can seek help, get information on new farming methods, and sell their produce in the market. We connect farmers with buyers for best prices.

OUR USE CASES

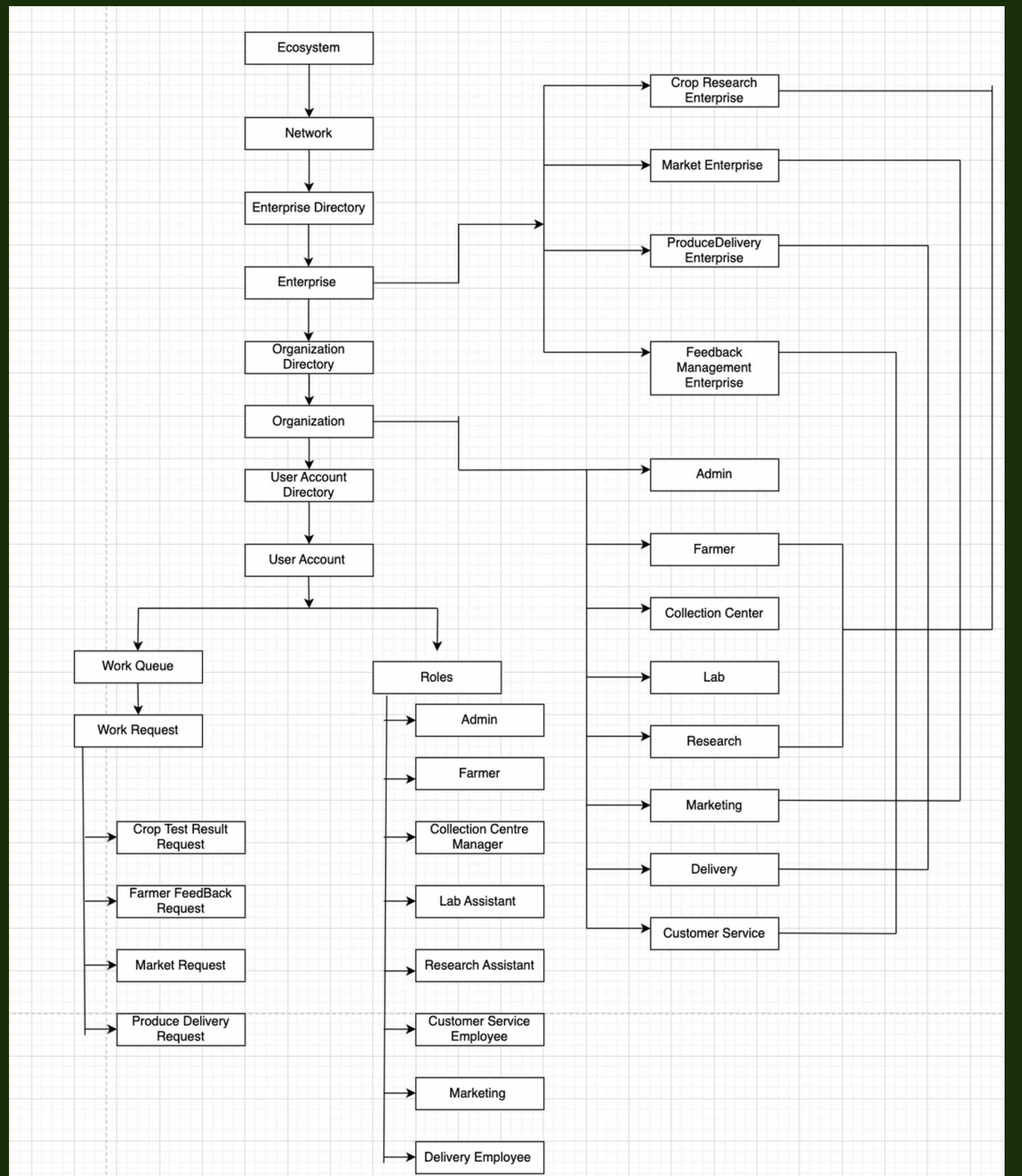
SOIL ANALYSIS & BEST PRACTICES

- Farmers can submit soil samples for analysis in our research labs.
- They will be given suggestions for enhancements to the current agricultural technique and cultivation style.
- Farmers can find general information and solution to their queries on all important crops on their main page.

FARMER'S MARKET

- Farmers can post the sale request to different markets
- Farmers come in contact with the Vendors directly and sell their produce
- Enterprise admin can assess farmer's feedback and implement improvements in the application





LOGIN/SIGN UP PAGE

The image shows a dual-monitor setup. The left monitor displays a login interface with a brown sidebar. The sidebar contains the word "LOGIN" in large white capital letters at the top. Below it are two input fields: one for "User Name" and one for "Password", both with placeholder text "F". At the bottom of the sidebar are two buttons: "Logout" on the left and "Login" on the right, both in white text on dark backgrounds. Below the sidebar, a message reads "New Farmer?? Please SignUp" and a "Sign Up" button is visible. The right monitor displays a blurred background image of a person in a field, possibly a farmer. Overlaid on this image is a white-bordered box containing the word "AGRONOMY" in large, bold, white capital letters.

LOGIN

User Name: F

Password: F

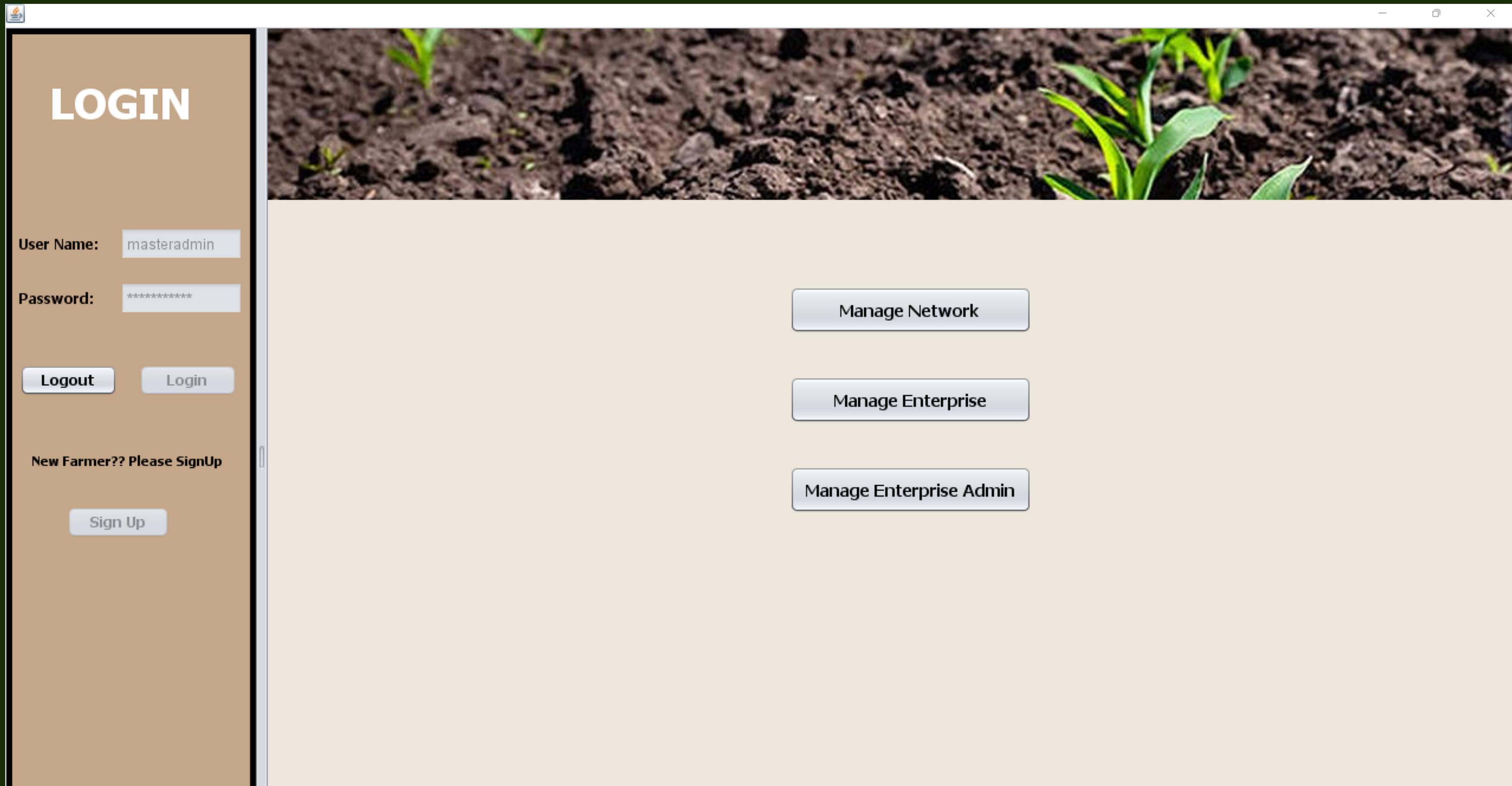
Logout Login

New Farmer?? Please SignUp

Sign Up

AGRONOMY

SYSTEM ADMIN PAGE



FARMERS DASHBOARD

LOGIN

User Name: Bhavya

Password: *****

[Logout](#) [Login](#)

New Farmer?? Please SignUp

[Sign Up](#)

About Us



REQUESTS



[Request Research](#)



[Sell Your Crop](#)



[GuideLines](#)



[Post A Query](#)



[Write A FeedBack](#)



[Information](#)

Information About Major Crops

FARMERS DASHBOARD- SEEK HELP



LOGIN

User Name: Utkarsha

Password: *****

Logout **Login**

New Farmer?? Please SignUp

Sign Up

Have Questions?? Please Write To Us

Requested Date	Question	Status

Farmer's Name: Utkarsha

Please write your query:

Post Question

Question:

Response:

View Response

FARMERS DASHBOARD- REQUEST RESEARCH



LOGIN

User Name: Utkarsha

Password: *****

Logout **Login**

New Farmer?? Please SignUp

Sign Up

Request List

Requested Date	Receiver	Status	Result
10/12/2022 20:21	empl1	Sent for Research	Waiting

Fill in Request Details

View Results

FARMERS DASHBOARD- SALE



LOGIN

User Name: Utkarsha

Password: *****

Logout **Login**

New Farmer?? Please SignUp

Sign Up

Sale Request Table

Farmer Name	Crop Name	Quantity	Rate per Kg	Status

View Vendor Response

Your Address

Farmer's Name: Utkarsha Line1:

Crop Name: Line2:

Quantity: Zip Code:

Rate per Kg: Contact No:

Write About your Crop: **Upload Crop Image**

<<Back **Post Details**

MARKET DASHBOARD- BUY FROM FARMER



LOGIN

User Name: empm1

Password: *****

Logout **Login**

New Farmer?? Please SignUp

Sign Up

Farmer Name	Crop Name	Quantity	Rate per Kg	Status
farmer	tomato	0	20.0	Completed
farmer45	tomato	21	2.0	Open
farmer44	onion	0	20.0	Completed

Crop Sale Listings

View Request Details

Crop Name:

Farmer's Name:

Quantity(kg):

Rate per Kg:

Address Line1:

Address Line2:

Zip Code:

Contact No:

Crop Description

Click to Buy!!

CROP RESEARCH: COLLECTION

LOGIN

User Name: empcc1

Password: *****

[Logout](#) [Login](#)

New Farmer?? Please SignUp

[Sign Up](#)



Collection Center Request Table

Requested Date	Sender	Receiver	Status
10/12/2022 16:34	farmer	empr1	Research Done
10/12/2022 16:51	farmer22	empr1	Sample research started
10/12/2022 16:57	farmer33	empl1	Sent for Research
10/12/2022 17:42	farmer45	empr1	Research Done
10/12/2022 20:21	Utkarsha	empl1	Sent for Research

[View Request Details](#) [Assign to Me](#)

Farmer Details

Planned Crop:

Farmer's Name:

Address Line 1:

AddressLine 2:

Zip Code:

Message:

[Process](#)

CROP RESEARCH: LAB

LOGIN

User Name: empl1

Password: *****

[Logout](#) [Login](#)

New Farmer?? Please SignUp

[Sign Up](#)



Lab Request Table

Date Requested	Sender	Receiver	Status
10/12/2022 16:34	farmer	empr1	Research Done
10/12/2022 16:51	farmer22	empr1	Sample research started
10/12/2022 16:57	farmer33	empl1	Sent for Research
10/12/2022 17:42	farmer45	empr1	Research Done
10/12/2022 20:21	Utkarsha	empl1	Sent for Research

[Assign to Me](#) [View Request Details](#)

Planned Crop:

Farmer's Name:

Address Line 1:

AddressLine 2:

Field Ground Water Level:

Field Location Temperature Range:

Zip Code:

Message:

[Process](#)

CROP RESEARCH: REPORT

LOGIN

User Name:

Password:

[Logout](#) [Login](#)

New Farmer?? Please SignUp

[Sign Up](#)



Feedback List

Farmer Name	Date Posted
farmer	Sat Dec 10 16:46:28 EST 2022

[View Feedback](#)

Farmer's Name:

Satisfaction Level with the Research Result

How Easy Was Application to Use

Overall Rating

Remarks:

CROP RESEARCH: REPORT

LOGIN

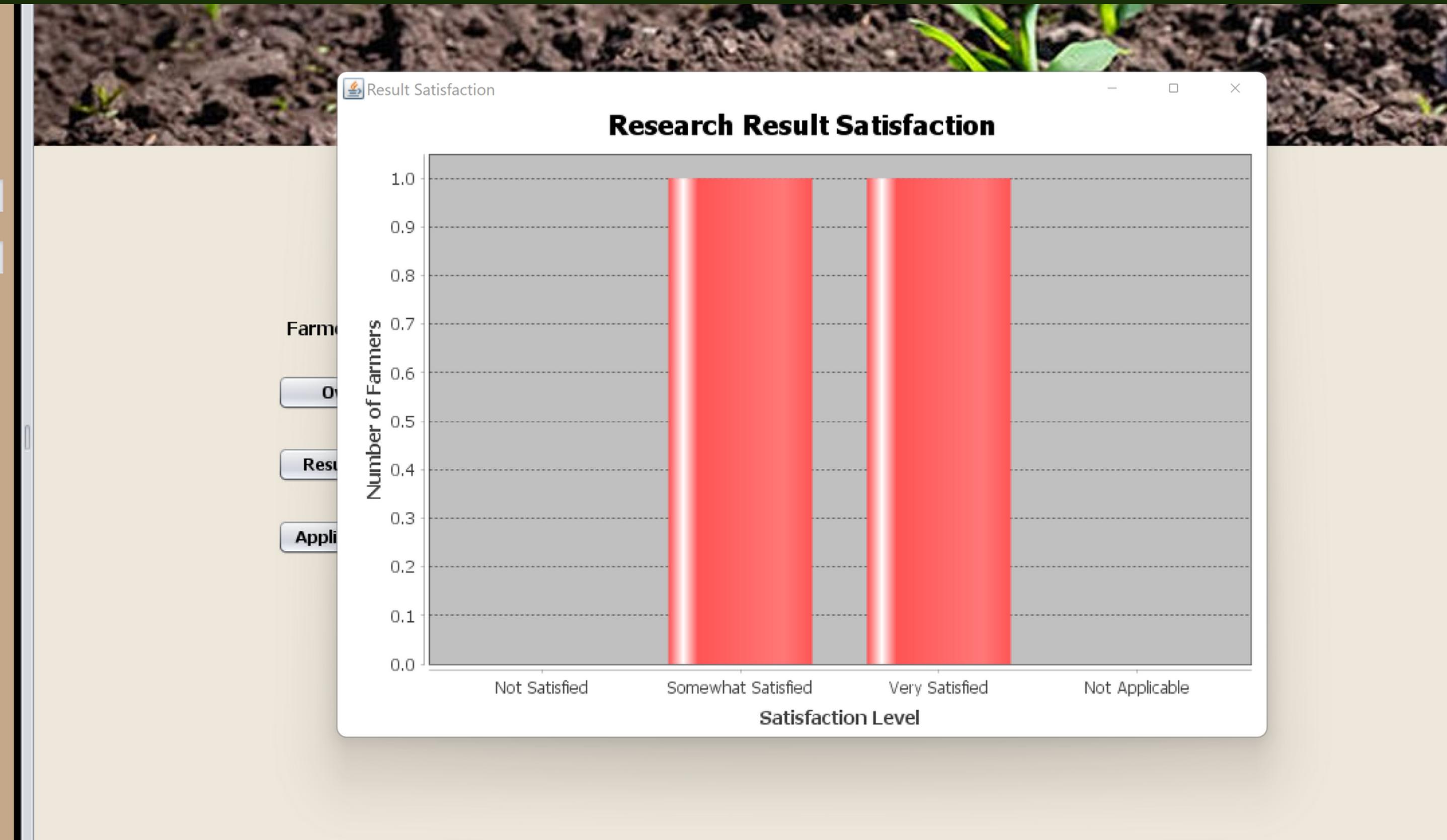
User Name: crp1

Password: ****

[Logout](#) [Login](#)

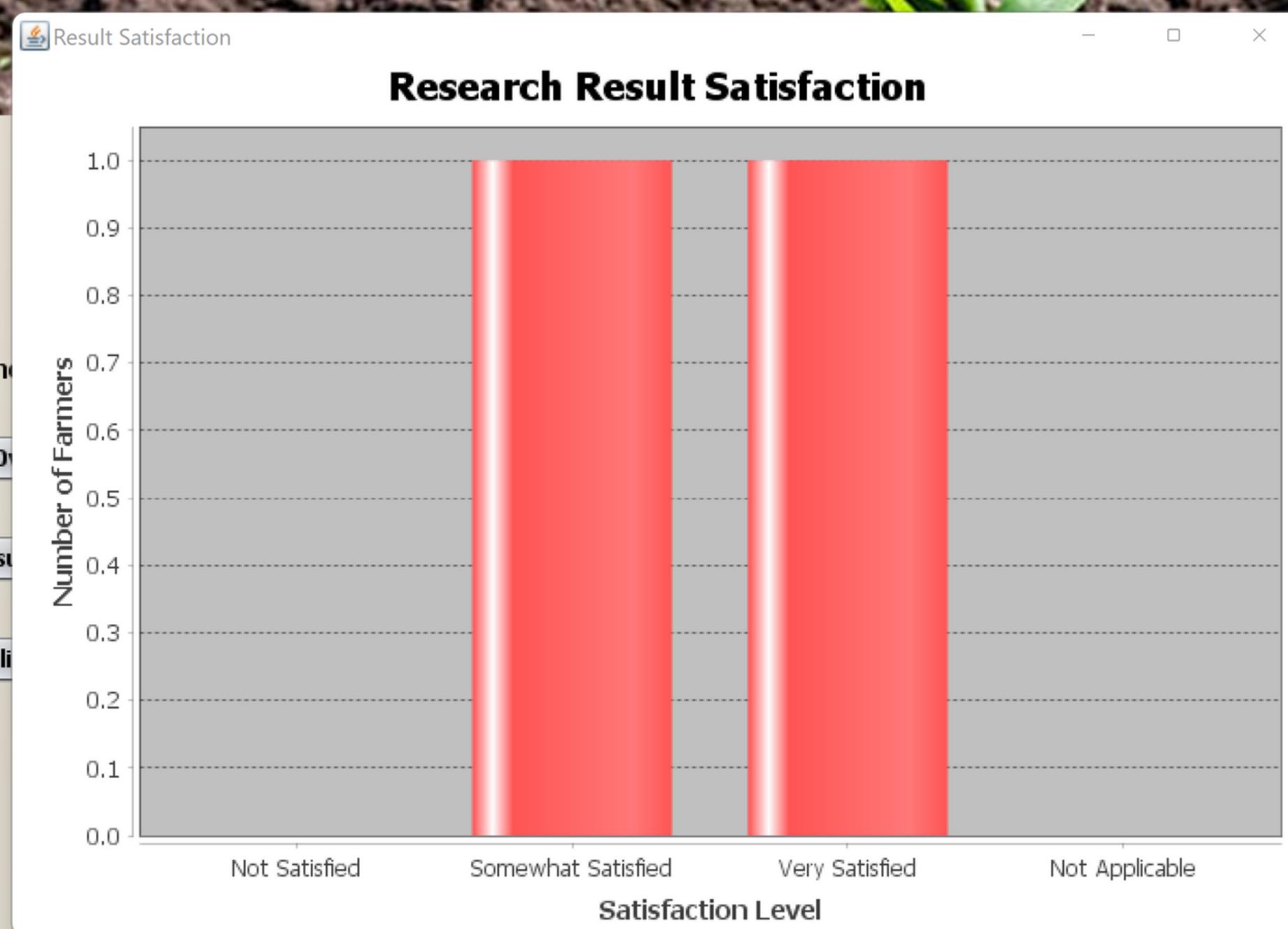
New Farmer?? Please SignUp

[Sign Up](#)



Result Satisfaction

Research Result Satisfaction



Satisfaction Level	Number of Farmers
Not Satisfied	0.0
Somewhat Satisfied	1.0
Very Satisfied	1.0
Not Applicable	0.0

Farmers

On

Resu

Appli

THANK YOU



CONCLUSION

This concept will benefit farmers and food production, which are the foundation of our ecosystem. It is possible to significantly reduce the food shortage problem predicted by the United Nations Organizations. The farmers will greatly benefit from this model both qualitatively and quantitatively. As soon as farmers use our program to contact market merchants, there would be less crop spoilage. With better food output on the same amount of land and better food quality, this strategy would raise farmers' standards of living. e



THANK YOU