

# Farmers Welfare Management System

EEPuri Giribabu<sup>1</sup>, Prof.M.Abdulbaki<sup>2</sup>

<sup>1</sup>Dept of MCA, EAIMS, Nadimirajuvaripalli,Sambepalli(m),Kadapa(dist),AP, India

<sup>2</sup>Professor, Dept of MCA, EAIMS, Tirupati,AP, India

**Abstract-** Now a day's farmers are facing a lot of problems about the crops because of the irregular rainfall and the soil fertility. The farmers are not getting proper suggestions from the experts. In this project we are going to provide a web application in which the farmers can get the suggestions from the experts and can know about the new schemes and insurance policies of the agriculture. The students can also access the information about the agriculture. The farmers can post their queries and can get the reply from the experts. The system helps farmers to make decisions on market and prices.

**Index Terms-** Farmers, Insurance policies, soil fertility, Agriculture, fertilizers.

## INTRODUCTION

Agriculture is the back bone of India. Agriculture is the cultivation plants to provide food, fiber, medicinal plants and other products to sustain and enhance life. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. The study of agriculture is known as agricultural science. The history of agriculture dates back thousands of years, and its development has been driven and defined by greatly different climates, cultures, and technologies; industrial agriculture based on large-scale monoculture has in the past century become the dominant agricultural method. Modern agronomy, plant, agrochemicals such as pesticides and fertilizers, and technological developments have sharply increased yields from cultivation, but at the same time have caused widespread ecological damage. Farmers are persons who can produce crops and give us food to eat.

But today farmers are facing a lot of problems due to uneven rainfall and the climatic conditions. They can use the pesticides for their crops without checking the soil fertility but just by knowing that others are using

the fertilizers and their own experiences. Soil analysis is not done scientifically, with any authorities available to authenticate data. This causes a low production of the crop. The projected system could be an internet primarily based application through that farmers and students will access the desired info. The system maintains details of state loans and insurance schemes. The system helps farmers to form selections on market and costs. Farmers will access salt and plant food analysis for a selected region. The system provides solutions to queries and issues visaged by farmers. The system conjointly helps students to access the knowledge for his or her analysis and educational functions.

## MODULES

The modules used in this application are as follows

1. Administrator Module
2. Agriculture officer module
3. Farmer Module
4. Student Module
5. General User Module

1. Administrator module:

Administrator will individual profile management from every kind of users. Administrator coordinates on-line question handling for all users. General queries area unit handles by administrator and specific queries area unit forwarded to agriculture officers. Administrator facilitates communication between users, consultants and general public through forums, chat, mail and polls. Administrator is accountable to publish info regarding major crop markets and their current worth. Administrator additionally drives awareness regarding numerous government schemes.

2. Agriculture officer module:

Agriculture officer conducts basic soil analysis for all regions and provides suggestions on those fertilizers to use and in what quantity. Officers additionally counsel that crop, herb or vegetable may be mature within which space and within which season. Officers handle on-line queries from users. Officers will schedule trainings and publish it on-line.

3. Farmer module:

Farmers should register with the system to avail the services and access the data. Farmers will send their queries to either administrator or officers. Once attainable, farmers also can move with consultants and general public. Farmers also can post their views and opinions. Farmers will access soil analysis reports. Farmers will request coaching on-line.

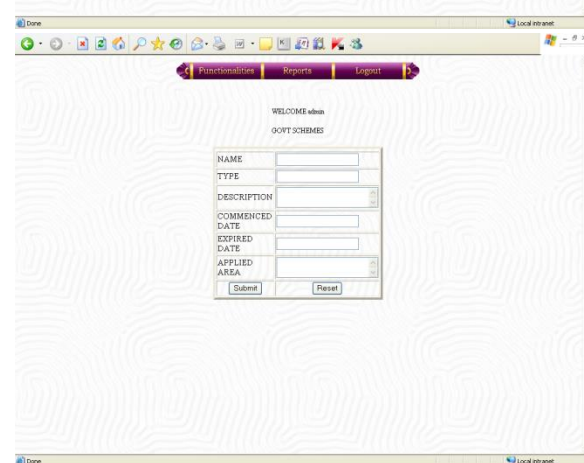
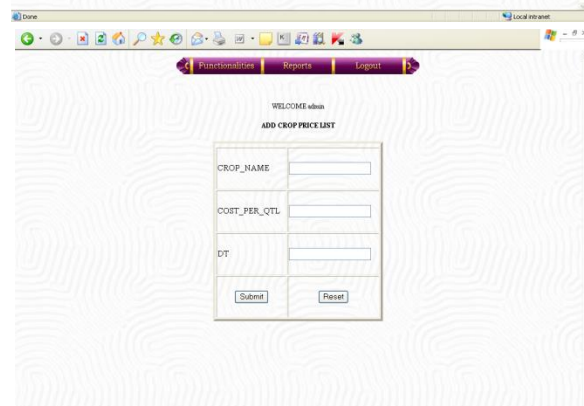
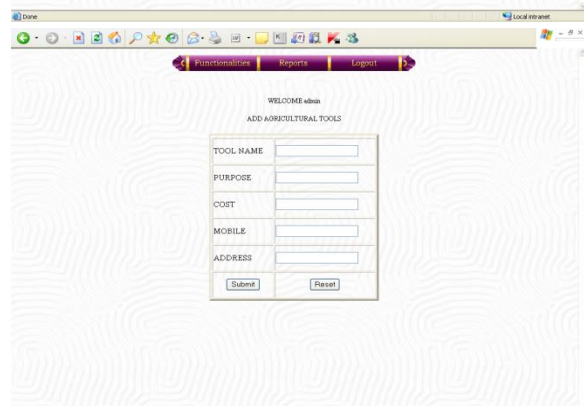
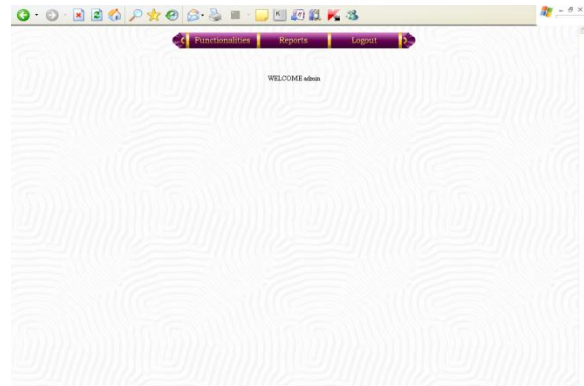
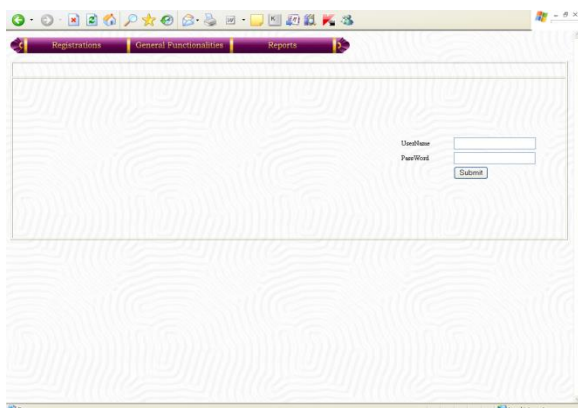
4. Student module:

Students should register with the system to access info. Students will move with officers and consultants to realize information concerning agricultural practices. Students will access soil analysis reports. Students will request coaching on-line.

5. General user module:

General public embody users, experts, businessmen and NGOs. Users will access general info concerning agriculture sector. Consultants and businessmen will transfer the data regarding their tools and solutions on indictable basis. NGOs will schedule trainings and publish it on-line. NGOs attempt to unfold messages to create agriculture eco-friendly.

SCREEN SHOTS



WELCOME admin

### Registration of Officer

Employee No	199
First Name	
Last Name	
Date of Birth(8-MM-YYYY)	
Mobile No	
Email	
UserName	
Password	
Address	
Remarks	
Hire Date	
Qualification	
Work Location	
Specification	

Register Reset

WELCOME admin

### TRAINING SCHEDULE

AID	REGION	REG ADDRESS	SOIL ANALYSIS	LEAF ANALYSIS	FERTILIZER ANALYSIS	MIN TEMP	MAX TEMP	TOTAL CROP AREA	CROP AREA
99	99	mail	9911	9911	991	22	22	22444	33333
99	99	mail	991	991	99	22	22	22	22

BACK

WELCOME admin

### REQUEST AND RESPONSE

REQ NO	SUBJECT	DATA TIME	SENDER
66	ss	2009-11-16 18:11:26.0	2009-11-16 18:11:26.0
67	ss	2009-11-16 18:11:44.0	2009-11-16 18:11:44.0
68	ss	2009-11-16 18:10:35.0	2009-11-16 18:10:35.0
70	ss	2009-11-16 18:20:36.0	2009-11-16 18:20:36.0
71	ss	2009-11-16 18:22:58.0	2009-11-16 18:22:58.0
72	hw	2009-11-16 18:26:5.0	2009-11-16 18:26:5.0

WELCOME GUEST

### Registration of FARMER

Farmer No	199
First Name	
Last Name	
Date of Birth(8-MM-YYYY)	
Mobile No	
Email	
Location	
UserName	
Password	
Qualification	
Address	
Remarks	

Register Reset

WELCOME admin

### AGRICULTURAL TOOLS

AT ID	TOOL NAME	PURPOSE	COST	MOBILE	ADDRESS
99	ss11	dd11	22	33	ssss1
99	ss11	dd11	22	33	ssss1
1	ss11	dd11	22	33	ssss1
2	a	b	1233	123124	ssdfsd
2	ssd	sssssdff	4500	9080250	dsdfs
4	dfgsd	dfgsdfg	12312	123123	efgsdfg
100	fsa	dfgsdf	234234	23423423	fsdfgsa
120	mail	mail	mail	mail	mail
121	mail	mail	mail	mail	mail
122	mail	mail	mail	mail	mail
123	mail	mail	mail	mail	mail
124	mail	mail	mail	mail	mail

WELCOME GUEST

### Registration of Student

Student No	199
First Name	
Last Name	
Date of Birth(8-MM-YYYY)	
Mobile No	
Email	
UserName	
Password	
Qualification	
College Name	
College Address	
Street Address	
Remarks	

Register Reset

WELCOME admin

### TRAINING SCHEDULE

TS ID	SUB	DESCRIPTION	TRAINER	LOCATION	DATE TIME
101	SSSS	SSSS	KK	KK	2020-3-19 0.0
102	ss	ss	ss	ss	2020-3-19 0.0
103	ss	ss	ss	ss	2020-3-19 0.0
104	SS	SSS	SSS	SSSSSS	mail
101	SS	SSS	SSS	SSSSSS	mail

BACK

WELCOME GUEST

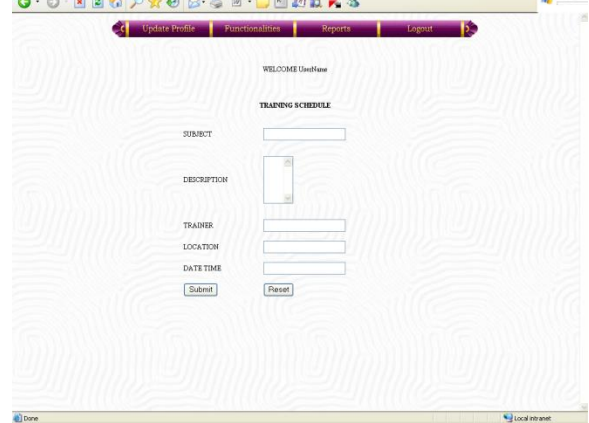
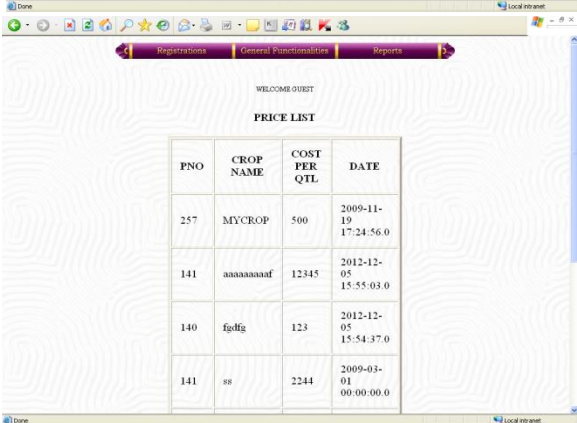
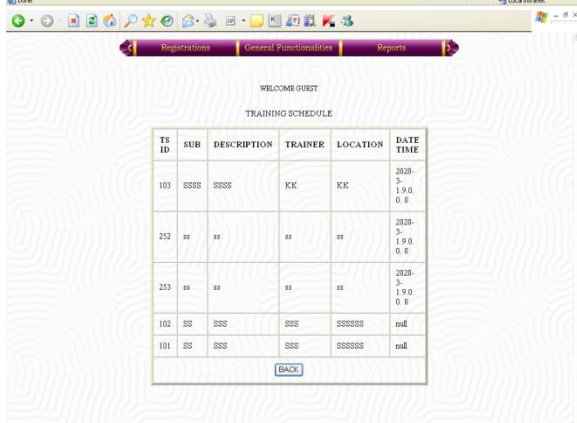
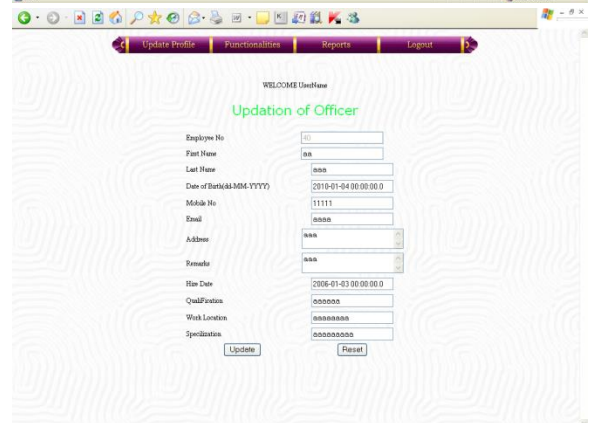
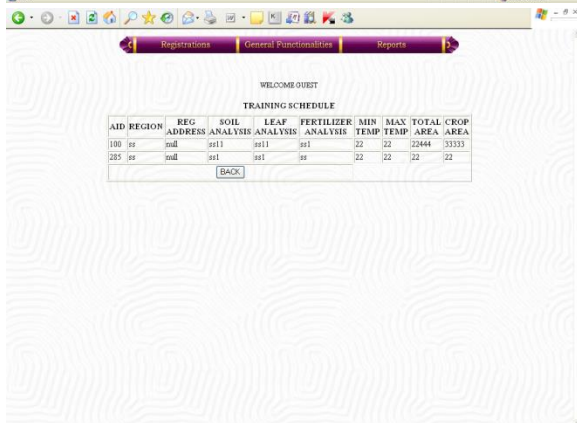
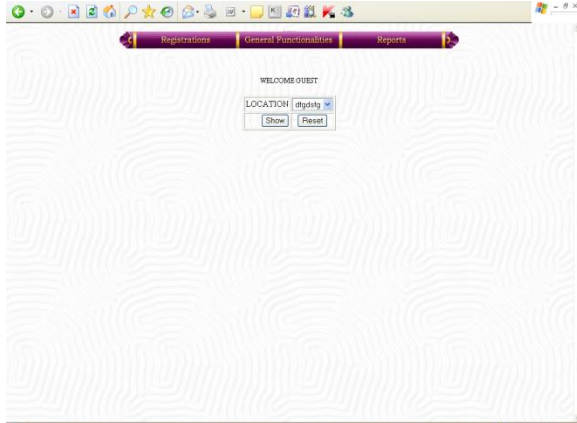
### Request And Response

Request No: 000

SUBJECT: [Text Area]

REQUEST: [Text Area]

Send Reset



Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**TRAINING SCHEDULE**

SUBJECT:

DESCRIPTION:

TRAINER:

LOCATION:

DATE TIME:

Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**PRICE LIST**

PNO	CROP NAME	COST PER QTL	DATE
257	MYCROP	500	2009-11-19 17:24:56.0
141	aaaaaaaaaf	12345	2012-12-05 15:55:03.0
140	fgHfg	123	2012-12-05 15:54:37.0
141	ff	2244	2009-03-01 00:00:00.0

Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**ANALYSIS**

REGION:

LOCATION:

PO ADDRESS:

SOIL ANALYSIS:

LEAF ANALYSIS:

FERTILIZER ANALYSIS:

MIN TEMP:

MAX\_TEMP:

TOTAL AREA:

CROP AREA:

Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**Govt Schedules**

SCH ID	NAME	TYPE	DESCRIPTION	COMMENCED DATE	EXPIRED DATE
89	naa	naa	naa	naa	naa
90	naa	naa	naa	naa	naa
91	naa	naa	naa	naa	naa
92	naa	naa	naa	naa	naa
93	naa	naa	naa	naa	naa
94	naa	naa	naa	naa	naa
97	naa	naa	naa	2009-03-02 00:00:00.0	2009-03-02 00:00:00.0
98	naa	naa	naa	2009-03-02 00:00:00.0	2009-03-02 00:00:00.0
96	naa	naa	naa	2009-03-02 00:00:00.0	2009-03-02 00:00:00.0
144	fgHfg	fgHfg	fgHfg	naa	naa
149	naa	naa	naa	naa	naa

Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**AGRICULTURAL TOOLS**

AT ID	TOOL NAME	PURPOSE	COST	MOBILE	ADDRESS
99	naa	naa	naa	naa	naa
99	naa	naa	naa	naa	naa
1	naa	naa	naa	naa	naa
2	a	b	1233	123124	naa
3	naa	naa	4500	5600250	naa
4	naa	naa	12312	123123	naa
100	naa	naa	234234	23423423	naa
120	naa	naa	naa	naa	naa
121	naa	naa	naa	naa	naa
122	naa	naa	naa	naa	naa
123	naa	naa	naa	naa	naa
124	naa	naa	naa	naa	naa

Untitled Document - Microsoft Internet Explorer

Address: http://localhost:8084/Farmers%20Buddy/Update\_FARSTU.jsp

Update Profile | Functionalities | Reports | Logout

WELCOME UserName!

**Update of Student**

Student No:

First Name:

Last Name:

Father Name:

Date of Birth(dd-MM-YYYY):

Mobile No:

Email:

Location:

Update Profile | Functionalities | Reports | Logout

WELCOME UserName

**TRAINING SCHEDULE**

AID REGION	REC ADDRESS	SOIL ANALYSIS	LEAF ANALYSIS	FERTILIZER ANALYSIS	MIN TEMP	MAX TEMP	TOTAL AREA	CROP AREA
naa	naa	naa	naa	naa	naa	naa	22444	33333
naa	naa	naa	naa	naa	naa	naa	naa	naa

Untitled Document - Microsoft Internet Explorer

Address: http://localhost:8084/Farmers%20Buddy/Insert\_REQ.jsp

Update Profile | Functionalities | Reports | Logout

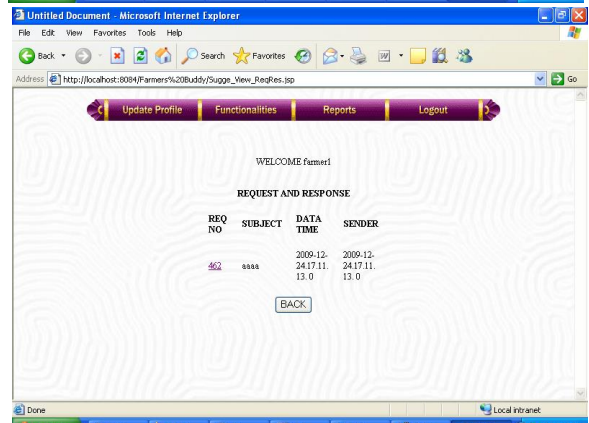
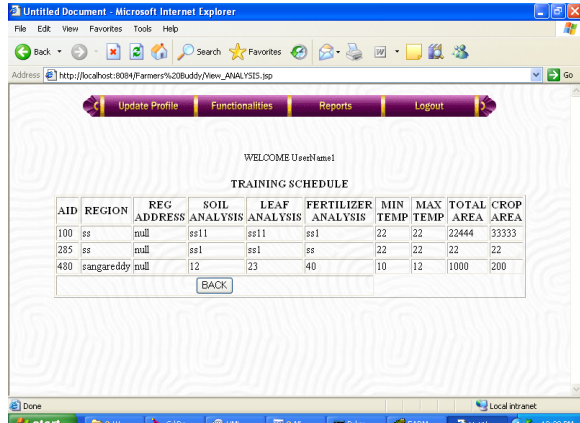
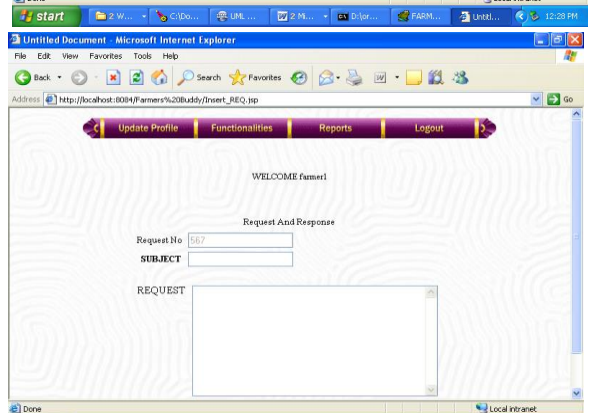
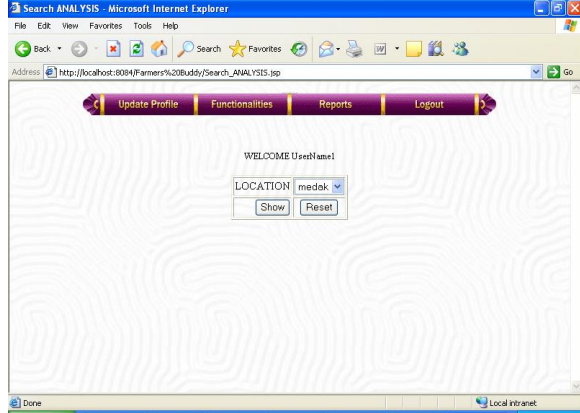
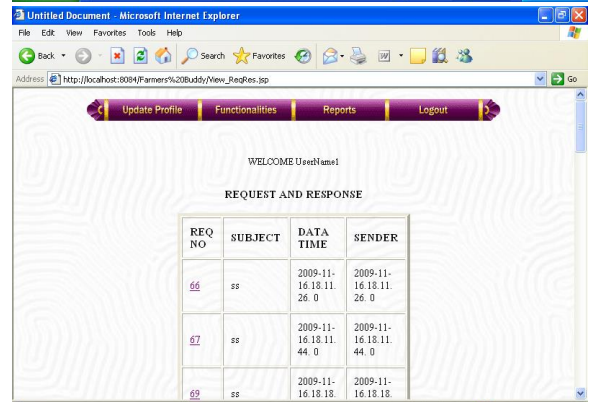
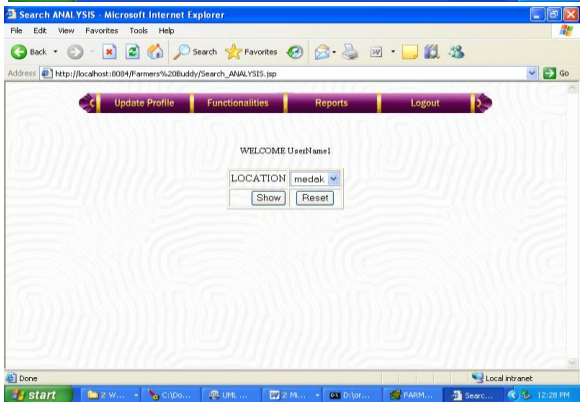
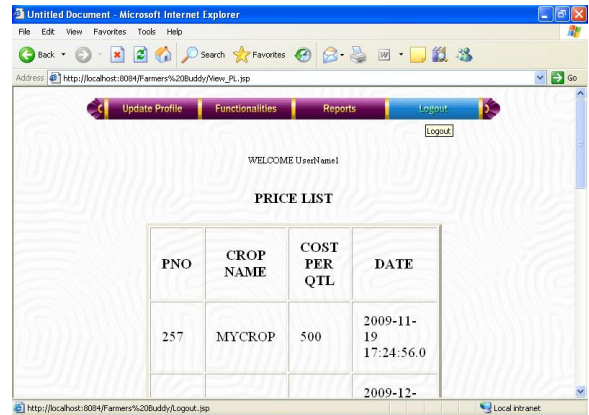
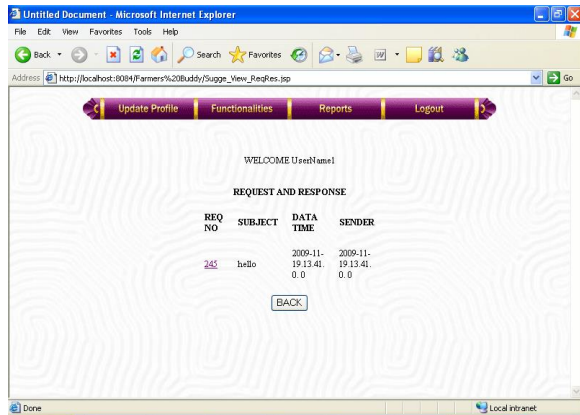
WELCOME UserName!

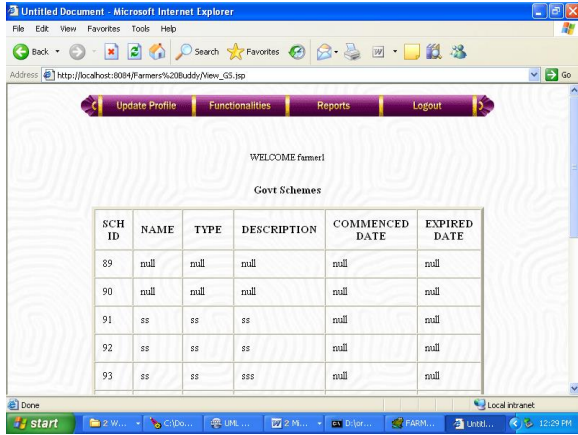
**Request And Response**

Request No:

SUBJECT:

REQUEST:





### CONCLUSION

In this project we have provided a web application in which the farmers can get the suggestions from the experts and can know about the new schemes and insurance policies of the agriculture. The students can also access the information about the agriculture. The farmers can post their queries and can get the reply from the experts. The system helps farmers to make decisions on market and prices.

### REFERENCES

- [1]www.javatpoint.com
- [2] <http://stackoverflow.com/>
- [3] <http://www.dzone.com/links/index.html>
- [4] <http://leetcode.com/>
- [5] <http://docs.oracle.com/javase/>
- [6] <https://www.coursera.org/>
- [7]www.w3schools.com
- [8] <http://www.javaworld.com/>
- [9] <http://www.mkyong.com/>