DBMS PROJECT

GRAMPRABHA: AN INITIATIVE TOWARDS E-CONNECTING THE FARMERS OF INDIA

Submitted by:-   **Submitted to:-**

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Acknowledgements

we would like to express our sincere gratitude to every person that one way or other helped us achieve our goal of a successful online agricultural portal but especially Dr. Pritee Khanna for her continuous and untired support to us in the field of database design and management.

We would also like to extend our sincere gratitude to our parents, friends ,family and last but not the least to the almighty god for constantly encouraging and guiding us in the right direction. Making this gramprabha project a reality as it exists today was not a simple task, but we enjoyed the journey and are very happy at its successful completion. Some functionalities are still left out which we shall try to cover in the upcoming times, if time permits.

What is GramPrabha?

Agriculture is the principal economic sector for ensuring food security of the nation and also to provide livelihood to more than 50% of our countrymen. The share of agriculture over the last five decades in the gross domestic product has decreased in comparison to the industrial and services sectors on account of relative higher growth in these sectors. Yet, agriculture still provides the bulk of wage goods required by the non-agricultural sector as well as numerous raw materials for industry. The contribution of agriculture in the country's economic growth cannot be underestimated. Eleventh Five Year Plan envisages a 4% growth rate for the agricultural sector. Agriculture is a state subject and states therefore are primary drivers of agriculture sector. However, without central assistance, policy & programmed coordination, achieving food security & targeted growth of 4% will not be possible. To contribute in achieving the growths target in agriculture, we've introduced this online portal. It actually is a village meeting place. The main attractiveness of it is that it can be used to link large/ small companies and large/small producers together to minimize cost incurred due to involvement of 3rd party vendors.

Technologies used in this project

1. Php (personalized home page)
2. Html (hyper text markup language)
3. Css (cascaded style sheets)
4. Adobe dreamweaver
5. Mysql
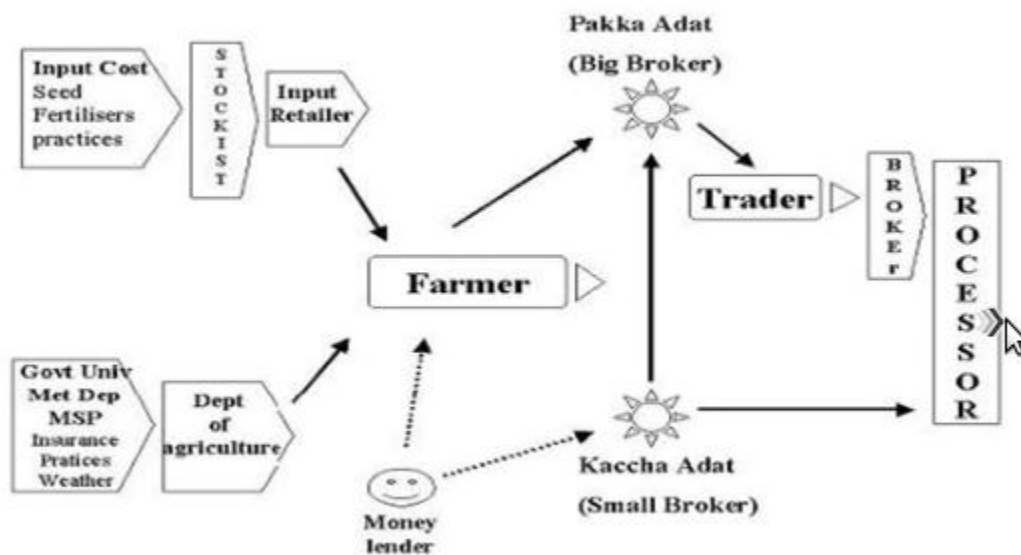6. Localization languages (English)
7. Javascript

Reason behind GramPrabha

➢ 65% of Indian population lives in 600000 villages
➢ It contributes in around 26% of the total GDP
➢ Indian farmer locking him up into a vicious cycle of low risk taking ability
➢ Low investment
➢ Low productivity
➢ Weak market orientation
➢ Low value addition
➢ Low margin

Conventional value chain

➢ After harvest, farmers bring their produce to Mandis
➢ The beans are auctioned to the traders
➢ The government, to facilitate fair price discovery and enable aggregation of goods
➢ The farmers get the lowest price and margin
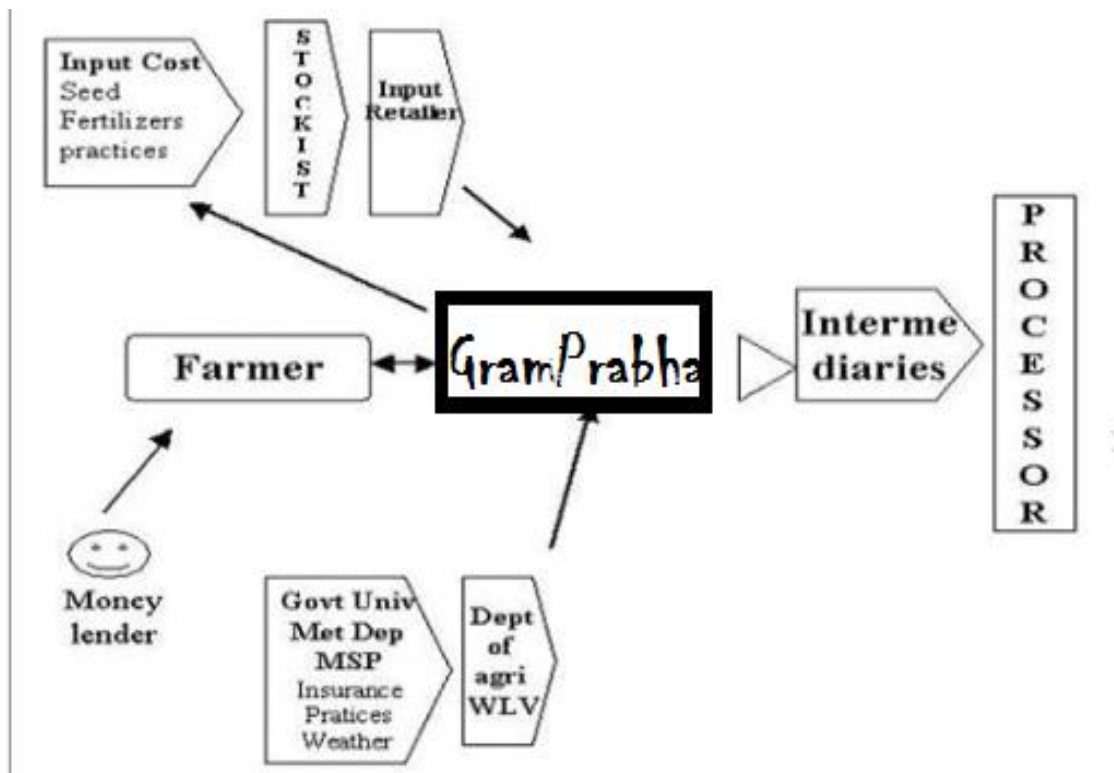➢ And the farmer is again the poorest of all occupation

Benefit of GramPrabha

- ➢ GramPrabha provides farmer with all the market information
- ➢ creative use of information technology through GramPrabha, like real time information on monsoon
- ➢ Prices, News, Risk Management
- ➢ Modern farmer Practice,
- ➢ Facilitated the interaction between company and village community
- ➢ All information is customized according to local farmer requirements and provided into the local language through computer
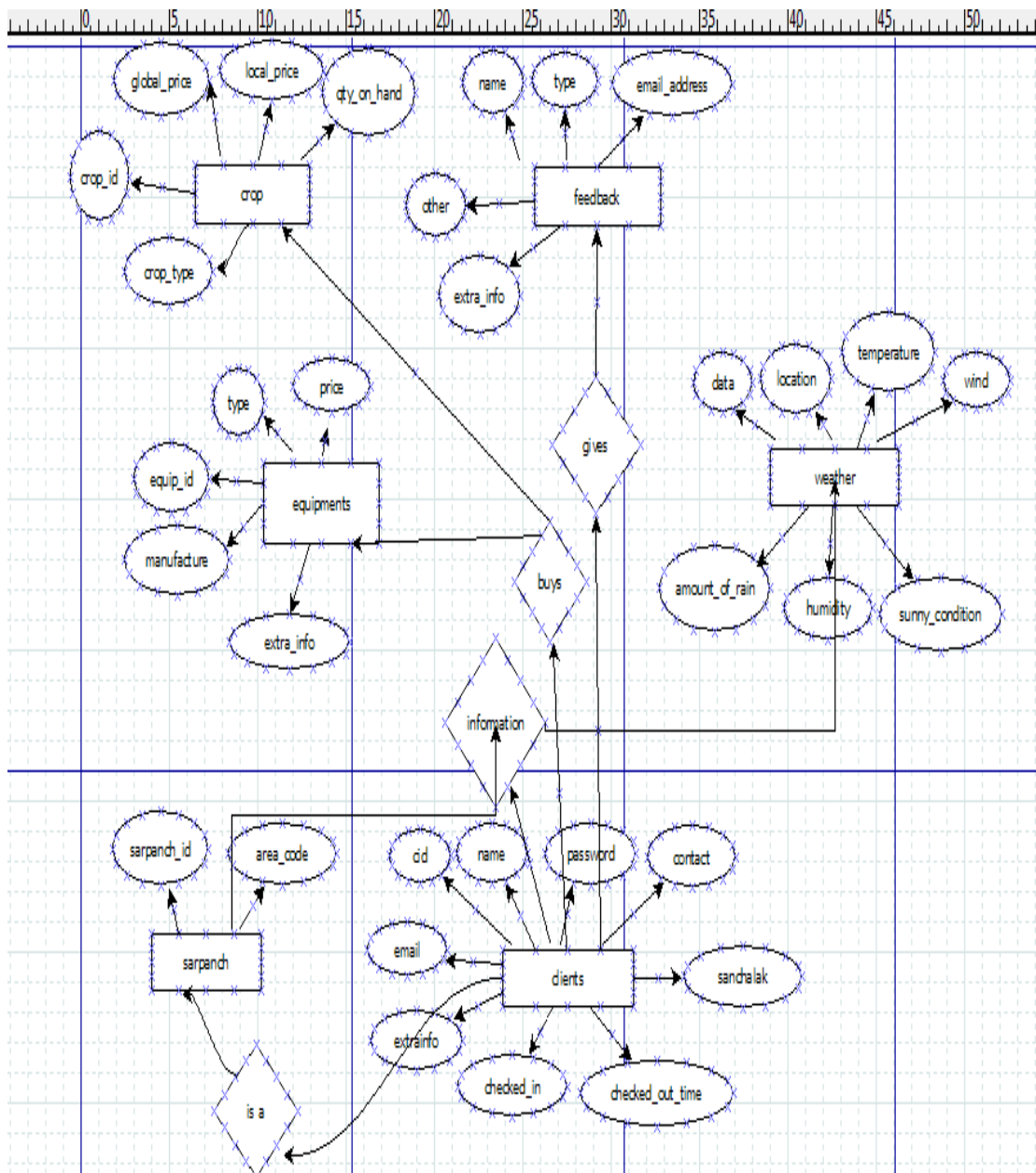
New modified value chain

GramPrabha offers

➢ Information
➢ Education
➢ Loan
➢ Improved lifestyle and profit to every section of work related to agriculture
➢ Jobs

Detailed product description

The gramprabha System has following functions:

SSL SecuredUser Login page with captcha-based security for filtering out password guessing attempts.

➢ : Features accessible to Customer

o Viewing List of Available agricultural technologies in market

o viewing list of genetically engineered seeds and their subsidized prices.

o buying or selling agricultural goods

o inquiring about the local and global prices of the items.

o Changing other account details like e-mail address, password.

o inquiring about the forecasted weather data from known and trusted data sources like ministry of agriculture.

➢ : Features accessible to sarpanchs

o Create new customer account

o Delete existing customer account

o View & Process customer requests

o Unlock a blocked customer account

o Change login password

➢ Features accessible to Administrator

o Create new sarpanch account

o Delete existing farmer account

o Add New gramprabha center

o Change login password

GRAMPRABHA
AN INITIATIVE TOWARDS E-CONNECTING THE FARMERS OF INDIA

HOME   REGISTER   LOGIN   INFO   Ministry OF Agriculture   Your Suggestions   CONTACT Us

GramPrabha's Initiative :-> Government Announces to sell seeds at subsidised price.

GramPrabha

JOBS

STUDY

PEOPLE

LIFE

QUICK LINKS

GramSabha's Success

GramSabha
In Action

VISION

Agriculture is the principal economic sector for ensuring food security of the nation and also to provide livelihood to more than 50% of our countrymen. The share of agriculture over the last five decades in the gross domestic product has decreased in comparison to the industrial and services sectors on account of relative higher growth in these sectors. Yet, agriculture still provides the bulk of wage goods required by the non-agricultural sector as well as numerous raw materials for industry. The contribution of agriculture in the country's economic growth cannot be underestimated. Eleventh Five Year Plan envisages a 4% growth rate for the agricultural sector. Agriculture is a state subject and states therefore are primary drivers of agriculture sector. However, without central assistance, policy & programme coordination, achieving food security & targeted growth of 4% will not be possible. To contribute in achieving the growths target in agriculture,we've introduced this online portal.

Notices

3) Macro Management Guidelines 2011 [Read More]
4) Plant Protection and Quarantine [Read More]
5)Administrative Approval of Modified National Agriculture Insurance Scheme (MNAIS) :2010-11 [Read More]
6) Proceedings of orientation-cum-review workshop on modified ATMA scheme held on

News and Events

1) Sonalika Launches New tractors, plans to sell first 100 on 30% discount [New]
2) Colloquium by Dr. APJ Abdul Kalam [New]
3) Government Distributes Subsidised seeds[New]

President's Message

Here is some message from the President of

Documentation

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SRS User Manual Design Data

Hindi Calendar

S	M	T	W	T	F	S
30	31	1	2	3	4	5

Archive

1) Distinguished Lectures By Prof. Vikash Varanwal [New]

Forecasted weather conditions - Mozilla Firefox

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http://localhost/vikash/home page/weather.php

Google

Most Visited   Getting Started   Latest Headlines

Forecasted weather conditions

GRAMPRABHA
AN INITIATIVE TOWARDS E-CONNECTING THE FARMERS OF INDIA

Table-1: Weekly and Cumulative Rainfall in four regions of the country 1

Region	Week Ending(06.05.2011)				Cumulative(01.03.11 to 06.05.11)			
	in mm		Devi.(%)	Cat.	in mm		Deviation(%)	Category
	Actual	Normal			Actual	Normal		
North-West India	6.1	7.0	15	E	40.4	50.1	-25	D
Central India	2.7	2.4	-69	S	4.0	11.5	-65	S
-South Peninsular India	1.7	5.4	18	N	10.5	16.5	-37	D
East & North-East India	28.7	24.4	-13	N	77.7	88.7	-10	N
Country as a whole	7.7	7.9	-2	N	28.2	37.6	-25	D

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.
Source: India Meteorological Department, New Delhi

more info Download As pdf

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http://localhost/vikash/home page/feedback.html | Google

Most Visited   Getting Started   Latest Headlines

feedback form for GramPrabha ;

feedback
tell us what you think ...

help me keep posted with your queries,suggestions & appraisals

Your Name

Email Address

you are   Registered User ◯   Unregistered User ◉
farmer ☐   government executive ☐
faculty member ☐   business executive ☐

Other

Comments

sEnd!

Done

2:57 AM
4/30/2011

PDPM
Indian Institute of Information Technology,Design and Manufacturing Jabalpur

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HOME   GRAM PRABHA   FEEDBACK   CONTACT ME

An initiative towards E-connecting the farmers of India -> Gram Prabha.

Welcome Back Vikash Kumar (Mr. Patna)

Designation = UG Student
Discipline = CSE
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Projects
Qualification
Research Interest

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Conclusion

Gramprabha has a great potential which is still to be tapped in this booming country of ours. With the ever expanding reaches of the Internet, more and more people are getting connected, making this world turn into a global village.

Gramprabha will slowly, but steadily become a part of everyone's daily routine without getting involved in the hassles of reaching out to the nearest vegetable or fruit or grain market branch for even a work as simple as a rate Enquiry to get it done. With Internet gramprabha , everything is just a few clicks away from us. There are endless opportunities available with gramprabha. Whether it comes to Shopping for agro-products, getting info about the latest machinery & technologies or be it just the weather forecasting to know in advance which kind of crops to harvest.

Gramprabha is the answer to everything. Therefore, gramprabha is a technology which will prove its worth, if chances are provided, and has a long way to go in delivering value to people.

Overall , it was a great learning experience working on this project, as we were exposed to the whole life-cycle of development of a Web Application and realtime problems of administering a database system.

Scope for further work

The online agro System is evolving gradually and this Project is successful enough to give the client a taste of its evolving nature. A huge amount of research is going on in this field to deliver more and more value to the farmers, lots of schemes launched by the government.

Many organizations are investing heavily into creating a Service-Oriented online agro System, with the organizations like ITC working in this area for revolutionizing the life in the vilaages which exist today. The primary goal is to make it more robust, efficient, safe, cost-effective, error-free and easy to maintain software.

There is a huge scope for further work on this Project by using the Project as a base-line to develop online agro Systems which are based on Service-Oriented Architecture. Nevertheless, this Project has successfully implemented and tested it, which has loads of features.

Thus, the whole agricultural arena provides a tremendous scope for further work in this area and the opportunity needs to be harnessed for bringing a new revolution in the way agriculture is done. Therefore, although something has been done in this area, much needs to be done.

List of references

1. ITC India limited
2. Agricoop.nic.in , the ministry of agriculture in india
3. Google.co.in
4. Yahoo.com
5. Youtube.com
6. Wikipedia.com
7. Upscportal.com/civilservices
8. echoupal.com