

“E –KISAN” –THE WEB PORTAL FOR FARMER TO SELL THEIR PRODUCTS ONLINE”

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ABSTRACT: *Agricultural is backbone of Indian economy. Today internet tremendously used by everybody, from rural area people to urban area people for their daily needs. Information and Communication Technology can be used in agriculture which plays an important role in the development of agriculture sector in India for connecting rural areas to rest of the country for overcome the challenges which the farmers facing day by day. The ICT based applications and services particularly by providing access to information, price of produce and inputs from nearby markets, technology transfer and other extension functions lead to better socio economic development of farmer community. to increase the farmer income and production we developed application E kisan which make easy for farmer to sold their product online and this application also helpful for buyer to purchase product online instead of went to market to brought a product and its save the time of both farmer and buyer .*

Keyword: Agriculture, information and communication technology, asp.net, sql database. c#.

1. INTRODUCTION

India is agricultural country about 75% of Indian population depend on the agriculture, so agriculture is become one of the important part of the Indian economy. Information and communication technology plays an important role in development of agriculture. In todays generation all people are addicted about internet .For all daily need they used internet such as for connecting with people , entertainment etc. Now a day e-commerce is used for online shopping that make customer easier and quickly purchase product that they want. Information technology use in agriculture for connecting farmer who are living in village to the user in living urban city. The Indian farmer had no organized way to sell his product at the best price and the consumer had no way either to get the best product at the best price. There needed to be a medium. The medium had to match the best in the world technology but with Indian

sensibilities. For this “We have to develop a web portal E-kisan which has a mechanism for farmer to sell their product online.” E-kisan is useful mechanism for seller to ensure that get the highest price for their good without bargaining. This system provide facilities for both farmer and buyer required to

sell their product .this system provide very good platform for farmer to sell their product easily on internet

2. EXISTING SYSTEM

In existing system buyer and seller both used traditional approach to sell and buy their product .they come at one place and put their bid of the crop then decides its final price. In tradition approach required lot of time to buy and sell their product .There are various disadvantages of traditional approach such as – farmer got very less price for the product

and also in traditional approach farmer need to travel from one place to another to sell their product it is time consuming as well as farmer spent a money over transportation .

3. PROBLEM STATEMENT

To develop web portal which all farmer to sell their product directly to the customer online.

4. OBJECTIVE

The main objective of this project is to sell farmer product at best price and buyer can purchases product online.

5. PROPOSED SYSTEM

The aim of the proposed system to sell farmer product online to increase productivity and farmer income. This system includes all facilities that farmer need to sell their product and buyer need at the time of purchase their product.

6. FEATURE

The proposed system has following features:

1. It allows you to select from the multiple verity.
2. Products are categorized for easy search.
3. It allow user to select or deselect items from many available items.
4. Facility to make available the information government schemes allied services.
5. It provides facility for customer such as home delivery, online payment.
6. To specify offers like discount, gift coupon.
7. Buyer can directly purchase product from the farmer.
8. It provides detailed information of the product to the customer like product image.

7. DETAIL DESCRIPTION

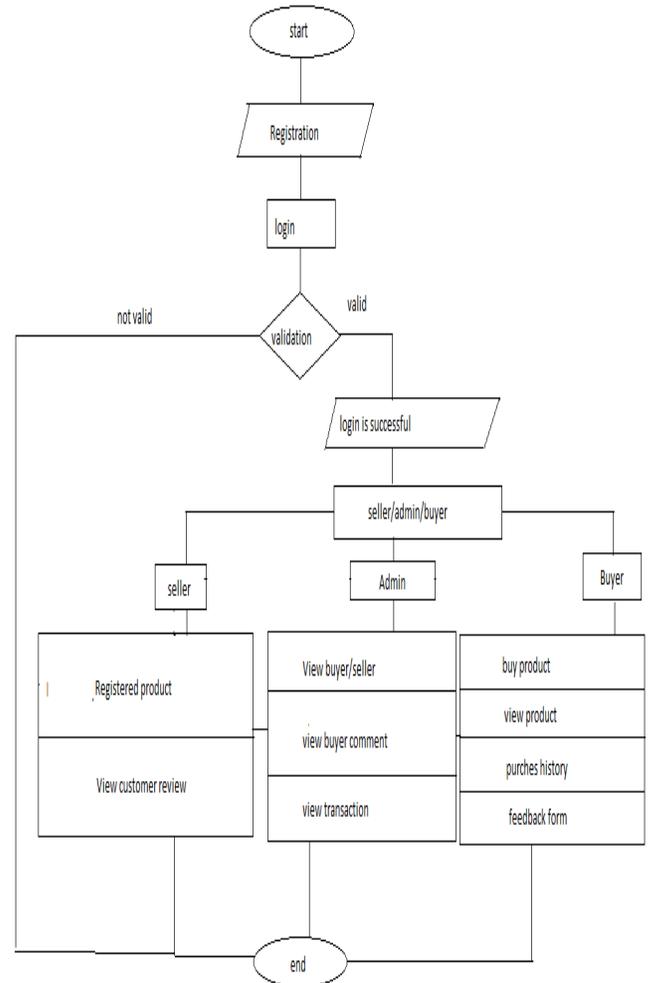
In our proposed system farmer and customer are important module in which farmer add the detail about the crops with proper price and update the detail when necessary in second module that is customer who registered in application to purchase a available crop and make payment online by credit and debit card.

Both farmer and buyer have to registered to the system with proper basic detail like name, address, phone no. location, e-mail id etc.

Another module is admin who is administrator of system who control entire system and see the feedback related to the system given by customer.

System design and implementation: In our proposed system we create three module as admin module, seller module ,farmer module each module perform different operation associated with that.

7.1 Working methodology of proposed system



7.2 Admin module

In this module admin create and update his own profile , view transaction of seller and buyer and also monitor on entire system . it also check comment of buyer .



Welcome to Administrator Section

Hello Administrator



- [View Buyer/Seller](#)
- [View Buyer Comment](#)
- [View Transaction](#)
- [Logout](#)

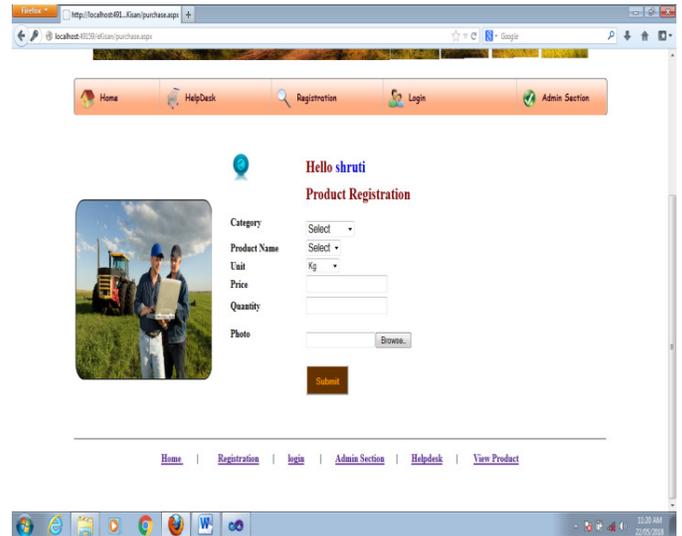
7.3 Seller module

In this module farmer creates his/her profile, registered the product which they want to sell.



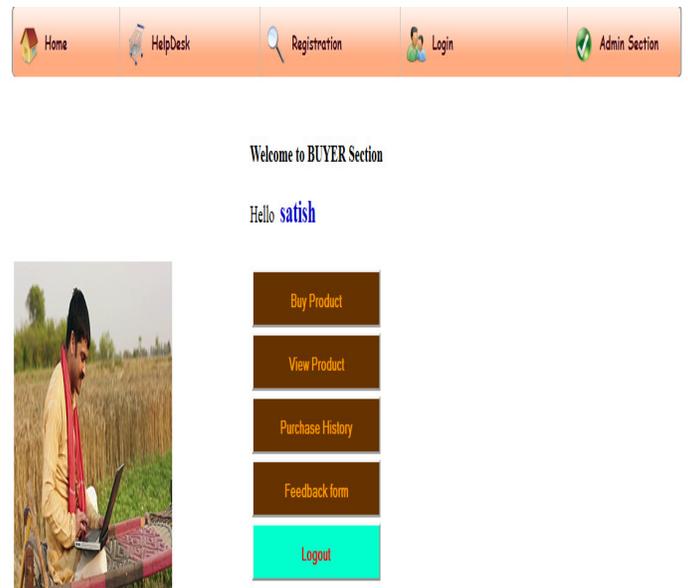
7.4 Product registration

In this module farmer or seller can register their product. In which they specify the category of product, product name, price, quantity and also provide the photo related to product.



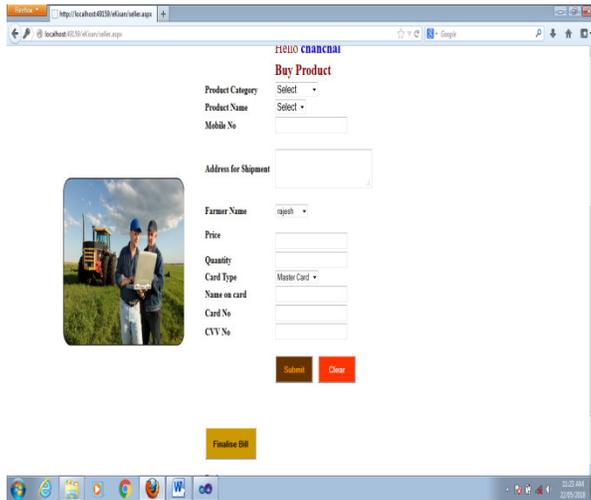
7.5 Buyer module

In this module buyer registered in application, check the list of all product, purchase the product, check product history, use online transaction for payment and also give the feedback to the farmers products.



7.6 Buy product

In buy product buyer can select product category, product name, mobile no, address, farmer name and prize quantity after filling and submitting this information ,message is displayed as “product is successfully added” and also show selected product related detail



8. ADVANTAGES

- 1) Online publicity of the agriculture product which make the product detail available to the customer ,due to which the farmer product can reach to large number of customer directly.
- 2) The role middle men(agent) is reduce or completely eliminate which may result in more gain in farmers income.
- 3) Transportation charges are drastically reduced or completely remove.
- 4) Users/customer review will help farmer to know customers demand which will help in improving quality.
- 5) More value to the farmers products due to direct selling.
- 6) Farmers can be saved from sudden fall in prizes at the APMC (agriculture produce due to bidding(auction)).

9. CONCLUSION

E-kisan is useful mechanism for seller to ensure that get the highest price for their good without bargaining on the fixed price set to high. E-kisan has several benefits than the traditional selling approach. In traditional approach both the farmer or seller and buyer had to come at the place and put their bid of the crop and then decide its final price. Apart from this in online farmer can sell their good from anywhere

location and also offer a convenient way for buyer to place their bids.

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