

Design Analysis of Intelligent Private Agro Provincial Report System For Trading Using ICT's

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Abstract— The project (PRIVATE AGRO PROVINCIAL REPORT SYSTEM) is a to-day basis by both Admin and supplier of shop. The purpose of developing this Website is to organize the process of selling products of farmers to all. The work of farmers can be reduced. The buyers can buy products at provincial ICT centers. The farmers/ Customer users can gain access provincial selling ICT centers for instant gratification for their products One of the best ideas to start experimenting your hands on digital marketing is Customer Satisfaction for a Digital Marketing Agency. Marketing agencies might use different digital marketing strategies to drive sales. Farmers usually are more satisfied when they get instant gratification for their products It provides a platform to the trader to automate their record keeping. The sales management is developed for the sales / purchase organization.. Provincial system is to help farmers by providing all kinds agriculture related information in the for selling their products. Intelligent Private Agro Provincial Report System For Trading Using ICT's is farmer management website application which helps farmers to give best practice for selling the farming products. It helps farmers to improve their productivity and profitability. It enables farmers to sell their productions through online/ICT centers.

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Keywords: Agro, Agriculture, Digital, Profitability.

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I. INTRODUCTION

Provincial system is to help farmers by providing all kinds agriculture related information in the website for selling their products. Intelligent Private Agro Provincial Report System For Trading Using ICT's is farmer management website application which helps farmers to give best practice for selling the farming products. It helps farmers to improve their productivity and profitability. It enables farmers to sell their productions through online/ICT centers. Farmers can manage their crops and farms better if they can communicate their experiences, both positive and negative, with each other and with experts. Digital agriculture using internet communication technology (ICT) may facilitate the sharing of experiences between farmers themselves and with experts and others interested in agriculture. ICT approaches in agriculture are, however, still out of the reach of many farmers. The reasons are lack of connectivity, missing capacity building and poor usability of ICT applications. We decided to tackle this problem through cost-effective, easy to use ICT approaches, based on infrastructure and services currently available to small-scale producers in developing areas.

An agricultural information system can be defined as a system, in which agricultural information is generated, transformed, transferred, consolidated, received and fed back in such a manner that these processes function

synergistically to underpin knowledge utilization by agricultural producers (Roling, 1988). Accordingly, an agricultural information system consists of components (subsystems), information related processes (generation, transformation, storage, retrieval, integration, diffusion and utilization), system mechanisms (interfaces and networks) and system operations (control and management). Agricultural information is considered as an essential input to agricultural education, research and development and extension activities. Different kinds of information are required by different kinds of users for different purposes. The potential users of agricultural information include government decision-makers, policy-makers, planners, researchers, teachers and students, program managers, field workers and farmers (Zaman, 2002). Figure 1 gives an illustration of the flow of agricultural information

II. PROPOSED SYSTEM

It will be very effective and Farmers usually are more satisfied when they get instant gratification for their products and selling more easily. Therefore, this ICT centers for agro-products will help the users to make use of resource as ICT centers. It will also be useful to the visitors to understand the trading ICT centers ideology of selling. This is a user friendly and understandable website, which can be used easily by all groups of age people. In this paper, we

first describe the design and development process of a modular ICT application system called Farmers. Farmers was designed to provide a means by which farmers can communicate their experiences, both positive and negative, with each other and with experts and consequently better manage their crops and farms.

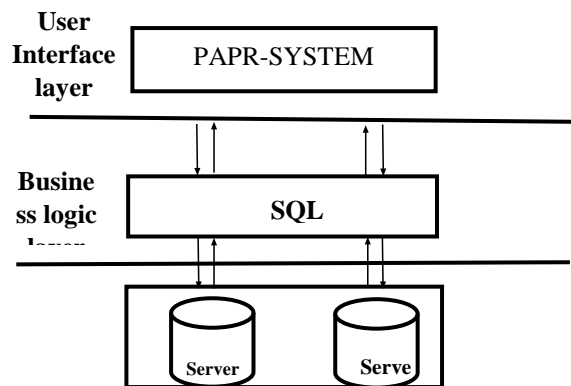


Fig 1: Propose System

We designed Farmers in a collaborative, incremental and iterative process in which user needs and preferences were paramount. The aim was to get a customizable system for near real-time data flows between system users, i.e., experts to farmers, which could support processes of co-innovation and usage of Farmers for citizen (farmer) science projects.

III. MODEL DESCRIPTION

Module1: SALES

The purpose of this module is to view the details about Adding sales and Total Collections of bills generated.

Description: Billing Report The system generates billing after purchasing the product. The system calculates total cost automatically in the billing report it displays customer contact details, billing details and purchased product information. Responsible is Supplier/cashier, Admin

Input Select the product detail and save.

Output: When the save button is clicked the page of SALES will print the bill for customers.

Module2: PRODUCT

The purpose of this module is to view the details about entries of incoming products.

Description: Products module, This website sells several kinds of products Admin or Supplier can sell products directly and it has another option where farmers can sell their productions in the shop maintained by admin. Responsible, Admin

Output When the Add product button is clicked we can add various products will added for stock management

Module3: CATEGORIES

The purpose of this module is to list the details about the AGRO products of Total categories.

Description: Category module in this module, the administrator can create different types of categories. The system has types of categories Agricultural products & its types. Responsible is Admin

Output When the add button is clicked the page shows popup to add categories of product will be displayed.

Module4: CUSTOMERS

The purpose of this module is to including customers by admin and suppliers.

Description: Customer module, The customer can register to the website by entering profile details.

The customer can purchase products which are uploaded by administrator. They can also send purchase request for purchasing. Responsible is Supplier/Cashier, Admin

Output When the customer icon is clicked we will search and add customers randomly access it.

Module5: SUPPLIERS

The purpose of this module is to view the details about the Suppliers of shop and add shop cashiers.

Description: Worker module This module is for labour where they can register by entering their profile and experience details of suppliers of shop centers.

Responsible is Admin

Output When the Supplier icon is clicked we will search and add shop manager randomly access it by admin.

Module6: SALES REPORT

The purpose of the system will display bill produces in the module page of the website to print.

Description: Billing Report the system generates billing after purchasing the product. The system calculates total cost automatically in the billing report it displays customer contact details, billing details and purchased product information

Responsible is Admin

Output When the save button is clicked the page of OVERALL SALES report will print the bill of selected days, month, year.

Module7: USER MANAGER

Description

The purpose of this module is all over access to admin to add, view, modify, deleting users in the User Manager

Responsible is Admin

Output When the Icon is clicked the home page of PAPR-SYSTEM shows all of the users to manipulate

IV. EXISTING SYSTEM

At present, there are few existing systems in which the farmers reach certain destinations and sell their products directly. This method is a consuming process.

There is no high gain of margins. In this method, the farmers can reach the customers who are present around that area. They cannot reach huge customers.

IV. RESULT AND FUTURE WORKS

Agriculture website has created for Private Agro Provincial, this website is the first one in agriculture that illustrates the concept of Private Agro Provincial in agriculture field for interested people and display the information about the agriculture situation in village. HTML/ JavaScript has used to create website and connected with Google map, which provides a very efficient mechanism to deliver digital cartographic information to the user with fast response time and user-friendly interaction. By use this map type the user can see mountains, rivers and vegetation on map. Also the user can get the information of agriculture area for each village governorate, by using HTML/JavaScript which it front-end programming language, the processing data done on the client side this reduced the response time than if use back-end programming language and till now there isn't another village site display information by Google map

| Transaction ID | Transaction Date | Customer Name | Service Number | Amount | Profit |
|----------------|------------------|---------------|----------------|------------------|-----------------|
| ST1-006 | 03/23/21 | / | RS-030236 | 1,000.00 | 800.00 |
| ST1-003 | 03/12/18 | | RS-023302 | 150.00 | 85.00 |
| ST1-002 | 03/08/18 | | RS-23323 | 13,000.00 | 7,750.00 |
| ST1-001 | 03/08/18 | | RS-030238 | 150.00 | 85.00 |
| Total | | | | 14,400.00 | 8,750.00 |

Figure 4: Report page

| Username | Full Name | Position | Action |
|----------|-------------------------|----------|----------------------------------------------------|
| shop1 | manager(shop1)-kesava s | Cashier | Add User Edit User |
| admin | Administrator | admin | Add User Edit User |
| shop2 | manager(shop2)-shubal | Cashier | Add User Edit User |

Figure 5: User page

VI. CONCLUSION

Provincial system is to help farmers by providing all kinds agriculture related information in the website for selling their products. Intelligent Private Agro Provincial Report System For Trading Using ICT's is farmer management website application which helps farmers to give best practice for selling the farming products. It helps farmers to improve their productivity and profitability. It enables farmer to sell their productions through online/centers

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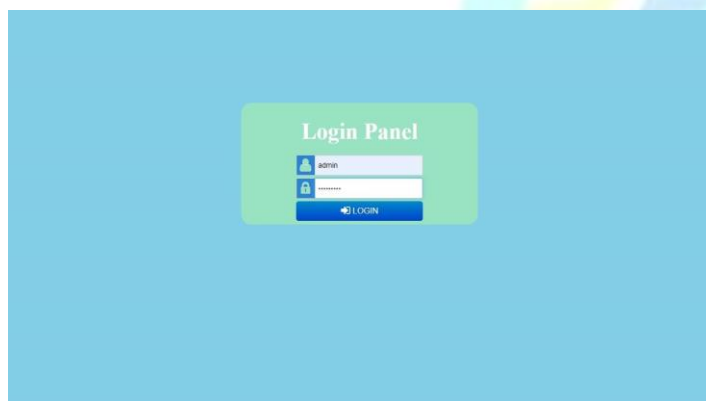


Figure 2: Home page

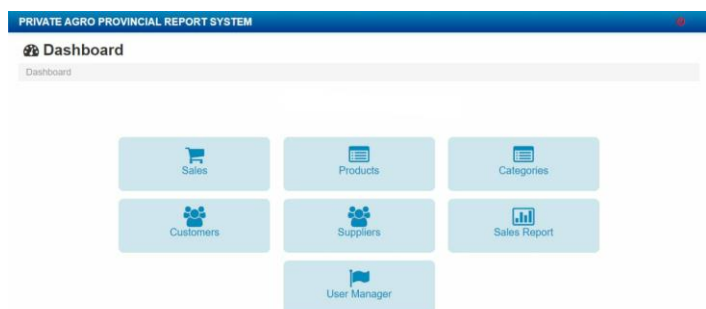


Figure 3: Dashboard

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