# FARMWEB:An Website For Farmers.

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***Abstract***—An ECommerce farmweb site is a web-based marketplace that makes it easier to purchase and sell agricultural goods and services. It enables consumers to browse and buy these goods from the comfort of their homes while also allowing farmers, ranchers, and other producers to showcase their goods and services to prospective customers. To assist customers in making informed buying choices, it might also offer extra resources like product reviews, farming advice, and business news.The ability for farmers and other producers to reach a larger audience, possibly growing their customer base and income, is one of the main benefits of an eCommerce farmweb website. Additionally, it offers convenience to customers who might not have simple access to nearby markets or farms. However, building an effective farmweb eCommerce website necessitates careful planning and execution, taking into account factors like product selection, pricing, logistics of shipping, and marketing plans.

It's recommended to use digital method of selling for farmers so we can remove middle men and make farmers get the money for their work.

**Keywords -** Website,Farmers,Consumers.

## I. INTRODUCTION

An eCommerce farmweb site is a web-based marketplace that makes it easier to purchase and sell agricultural goods and services. It enables consumers to browse and buy these goods from the comfort of their homes while also allowing farmers, ranchers, and other producers to showcase their goods and services to prospective customers. To assist customers in making informed buying choices, it might also offer extra resources like product reviews, farming advice, and business news.The ability for farmers and other producers to reach a larger audience, possibly growing their customer base and

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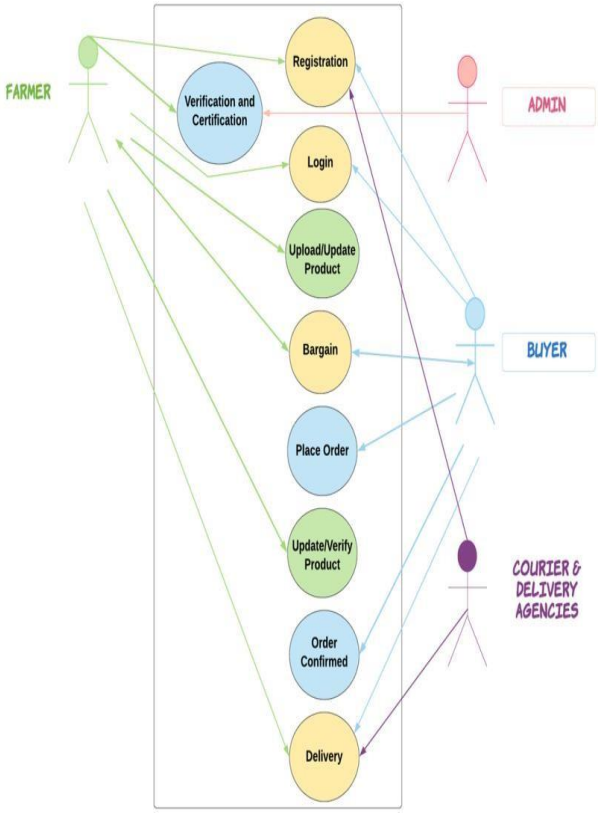
## II.METHODOLOGY

Languages like HTML, CSS, JavaScript, and PHP were used by us. According to prior issues with the websites and app. We came across a FARMWEB website with a user-friendly layout.On our website, buyers and sellers can exchange goods at the best prices.removing the intermediary, such as a dealer or third party.The mySQL database is used to keep all of the buyer and seller information

USE CASE DIAGRAM:




We have reffered and researched about different aspects of this project and they are mentioned in below table.

TABLE I. LITERATURE SURVEY

| Name of Publisher | Approach ( Website/ App) | Result | Disadvantage |
|---|---|---|---|
| Mr. Khairnar Ghanshyam(April2016) | Availability of Agricultural Information directly in farmers hand. | Instilling zeal to learn new technology | Delay in sms Response |
| Gyanappa A, Walikar(April 2018) | Mobile based Application | Solution for indian farmers to get high crop yield | This app was not efficient for use |
| Shubham Sharman(February 2015) | E-Agro Android App | Skills developing service to farmers about crops | Not having proper interface in their app |
| Sindhu M,R()2012 | E-Farming | It was proposed to provide help in every aspects | Farmers were lacking proper benefits |

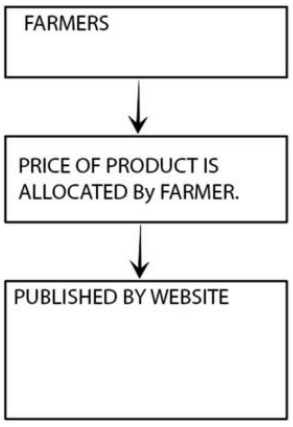
## IV. EXISTING SYTEM

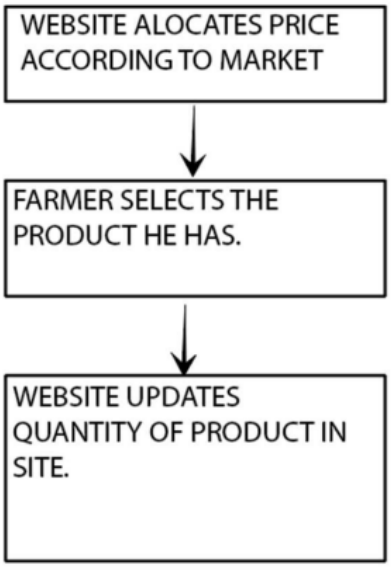
The current Farmweb system makes use of online marketplaces and eCommerce platforms to enable farmers and other producers to promote their goods and services to a larger customer base. The most well-liked Farmweb platforms currently in use include:

1.Amazon Fresh: A broad variety of fresh produce and other food items are available through this online grocery delivery service. It links customers with nearby farmers and other producers to deliver premium goods at affordable rates.

2.Farmigo: Farmigo is an online market that enables customers to buy freshly produced food grown nearby straight from farmers. It provides a subscription-based business model that enables customers to get fresh fruit and vegetable deliveries every week.

3.Local Harvest is an internet marketplace that links customers with regional farmers and other producers. Along with an online shop where customers can buy a range of goods, it offers a directory of farms and farmers' markets.




Farmweb's current methods have shown to be successful at establishing connections between producers and consumers as well as encouraging the use of sustainable agricultural practises. However, there is still room for development and advancement in the Farmweb market, especially given how quickly technology is developing and how many new possibilities there are.

## V. PROPOSED SYSTEM

To establish an online system that will enable farmers and customers to interact directly without the involvement of a third party, the proposed website "FARMWEB" is being developed.
This web portal can address the issue found in the current system by increasing the effectiveness of viewing online pages and establishing direct connections between farmers and consumers. The customer or buyer can log in as a new user by establishing an account for the first time or as an existing user who has already registered an account. The farmer has a separate login page. Each farmer receives a

unique login ID, which allows for the safe recording of their data in a database and connection to an associated bank. Farmers are able to send their produce first along with an anticipated final price.

## VI .OUR ARCHITECTURE


## VII . MODULES IN PROPOSED SYSTEM

LOGIN MODULE:
Customers/buyers, sellers/farmers, and administrators can log in using this module using their credentials. They are routed to the home page after logging in.

CLIENT MODULE : Here, the customer registers himself with the necessary information. He gets led to the login page after registration. He must complete out all necessary information while registering on the website, including his login, bank information, and address. After logging in, he is taken to the homepage where he may view all the products submitted by the farmers or sellers and purchase them in the quantity of his choice.

SELLER MODULE : With this module, farmers and other small-business owners can sell their goods online by categorising their offerings.

WORKER MODULE: This lesson is for those who are paid a daily wage. they must first register themselves with accurate information before they can be hired by various farmers to labour.

DASHBOARD MODULE : There are many choices available in the dashboard module, including home, add product, add category, add location, logout, etc. Administrators and farmers can alter settings from this dashboard, which is primarily for them.

BLOG MODULE: There are numerous articles about agricultural practices, new technologies, and government initiatives in this module. The admin can publish these articles or blogs, and both farmers and buyers can access them by browsing the blog menu.

CATEGORY MODULE : The admin or seller can define various categories in this module to help distinguish the goods. Fruits, vegetables, pulses, seeds, pesticides, machinery, and tools are just a few examples of the groups he can add.

LOCATION MODULE : The buyer can enter his location and search for products locally in this section.

PRODUCT MODULE : The farmer or seller must enter their products in this module together with all necessary information, such as the product's quality and current date. The farmer is prepared to sell the items through this portal once they have been added.

BILLING REPORT:
After a product is purchased, the system generates a bill or receipt in the billing module. The sum of the product costs is automatically added. You can view customer information, bill information, and information about the purchased product in the billing report.

**Implementation and Design of Model:**

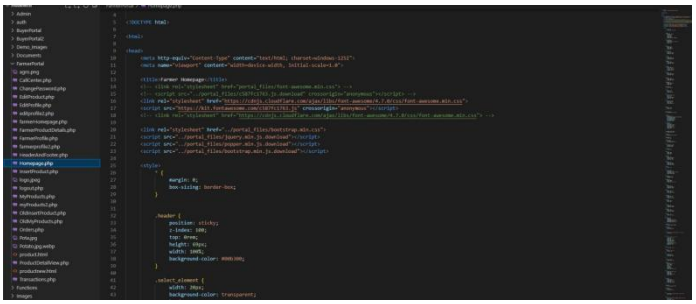
ADMIN :Before proceeding to the next phase, the farmer or consumer must log in as admin, which is the first step in the procedure. If the user already has an account, they do not need to set up a new one; simply enter their username and password. The user is responsible for supplying their own user id and password; those details for the next login are preserved in the mySQL Database.

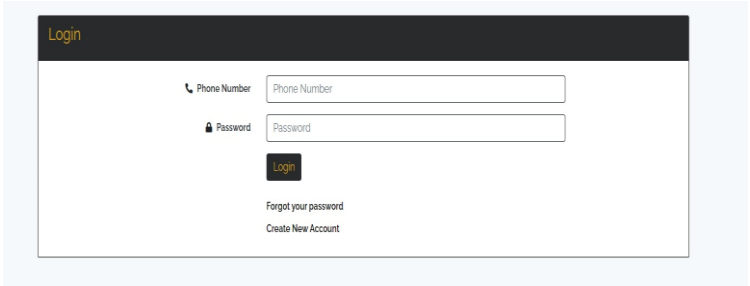
**DASHBOARD :**

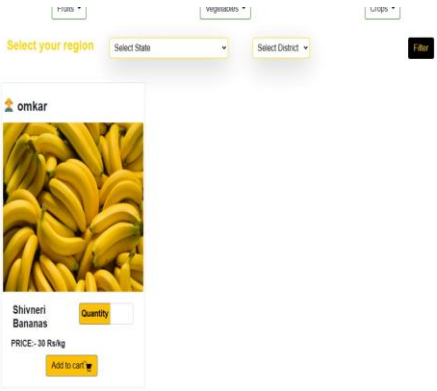
FOR FARMERS : The farmer can post products by logging in and entering information about the product, bank account, predicted price, variety, and open or closed status. Without the aid of a third party, they are able to complete these activities.

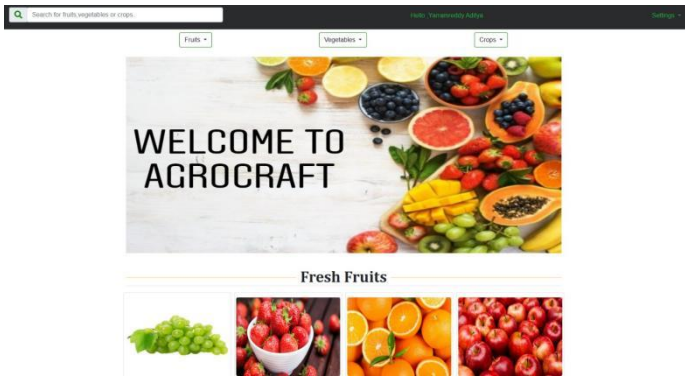
FOR CONSUMERS : Using a safe online bidding mechanism, consumers can use this to purchase seeds offered by farmers. They can browse the categories if they're looking for a certain kind of seed, like sugarcane. If a sugarcane item is added, they can buy the seeds at the set price; if not, they will claim that no such item is present.

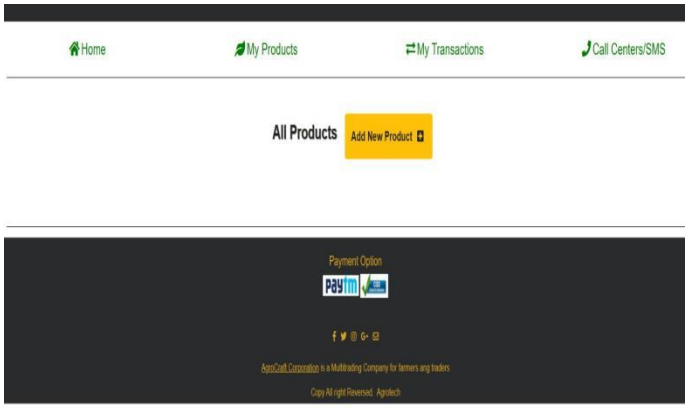
**IMPLEMENTATION :**

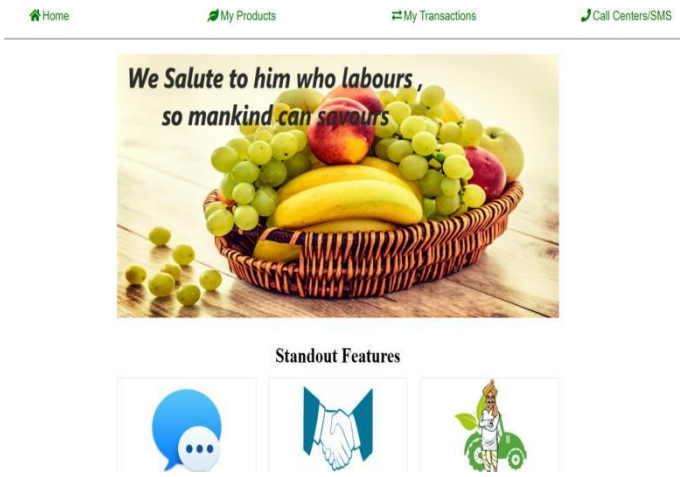





## CONCLUSION :

Using technology to link farmers and other producers with customers around the globe, Farmweb represents an exciting new frontier in the world of agriculture. Online marketplaces and eCommerce platforms have already started to change the way agricultural goods are bought and sold, giving producers new chances to grow their companies and attract new clients. In the years to come, we can anticipate even more cutting-edge Farmweb solutions as technology develops and new possibilities arise. These platforms have the potential to generate substantial economic and environmental advantages for farmers, consumers, and communities all over the world by enhancing efficiency, boosting access to marketplaces, and promoting sustainable farming methods.

The capacity of farmers and consumers to adopt new technologies and business practises will ultimately determine Farmweb's success. The role of technology in agriculture will become more crucial as the global population and food demand continue to grow, making Farmweb a crucial area of focus for businesspeople, investors, and lawmakers alike.

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