

# Ind-Agro Market

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## ABSTRACT:

Farmers will use an online business stage to shape their income without any middlemen. The serious issue is "The farmer who produces nourishment for the country isn't benefitting with the pay this, The Ind-Agro Market app will be useful where a farmer can be ready to sell or buy anything connected with the agribusiness and cultivating classification without middlemen.

**Keywords:** Customers, Explore Communities, Farmers, Higher Profits, Healthy Foods, No Middlemen.

## I. INTRODUCTION

We can create and execute digitization in agribusiness as well as direct selling for customers without any middlemen. There comes a plan to use programming advances to help ranchers with our extraordinary undertaking. We help farmers to get information on new development techniques. A simple easy to use interface conveniently assists clients with getting into our app.

### Objectives:

The project's primary goal is to build a real-time cloud application that may be used to locate lost objects and assist a person in an emergency. This programme was created using many modules to address the use-case scenarios. Farmers and farm owners should be treated like businessmen. Transparency and price secularism in the agricultural market.

### Scope of the project:

Food is one of the significant wellsprings of living, ranchers who are producing this food are not satisfying their necessities. At this moment ranchers in the nation are taking care of a lot of issues in cultivating, so we were educated to bring this Ind-Agro market application to agribusiness.

### Existing systems and its drawbacks:

There are online web application systems such as amazon, Flipkart, Big basket which delivers groceries to the customers by receiving

orders online. They do not let farmers sell their products at their price point. Instead they decide the price of the product and sell it as per their convenience. This does not benefit Farmers

### Problem statement:

The increase in price by average is 300% when a farm product enters a family or an end-user, compared to the price at the level 1 sell of a farmer. The patriarchy of Middlemen is unavoidable and deep Farmer is jailed and constrained very tightly to local Resellers (Less competition among buyers). Many Commissions are an extra burden. Farmer is unaware of hidden markets (eg: agricultural waste market) Farmer are remote to Ecommerce, Marketing, advertisements. Less exporting capabilities. Farmer indefinitely waits for settlements from buyers (especially Contract farming). Increase in prices minimum of 300% due to middlemen and commissions. A big gap between wholesale prices and retail prices. Farmer and End consumers are kept apart deliberately. Farmer is kept remote from Technology. Ineffective use of technology and IT in farming. Buyers are unaware of the benefits of bulk purchases and wholesale purchases.

## II. PROPOSED SYSTEM:

**REGISTRATION PROCESS:** A special guest might be a merchant or a purchaser. The purchaser can be a farmer or any individual. But, here all sellers are strictly farmers no middlemen involved. A guest can enlist him/herself by basically filling the enrollment structure which is on the app/web by giving the fundamental details like email, portable number, secret key, address, and so forth. There you can find choosing a job choice, for example, Seller or USER. In the event that an individual is a seller, the structure will gather extra vital details like crops, harvesting crops, farm details, farm name, farm address, timings, records.

**FARMER:** A farmer dashboard includes specific information such as the quantity of orders, the quantity of reviews and ratings, messages, items, etc. Farmers can add products directly from their

dashboards and they should update their stocks. But, the product will be live after the admin authorization.

**CUSTOMER:** A Customer can buy any item from any farmer. He/she can reserve the privilege to leave an item audit after the buy. The customer can explore the community through explore community tab and they can form a group and order the same for less price with fresh products directly from farmers. Also, anybody who wants to own the field can participate in the auction.

**ADMIN:** Admin can purchase the stock from the farmer and admin can able to see the dashboards of whole customers and farmer's progress. Admin has permission to change the user as farmer or customer. We can also add farming expert consultation for farmers to enhance their farming skills. The order tracking system, promotion codes, item limits will be available and all that advertising procedures can be applied for expanding deals and expanding reach to the appropriate clients.

**Modules description:**

**Farmer module :**

**Dashboard** – Farmers can check their farm details, no of orders, Income and customer review.

**My Farm Products** – Farmers can add their own products and declare the price of their product.

**My orders** - Farmers can check the orders placed by the customers.

**My Community Orders** – Farmers can check the order placed by community.

**My personal Details** - Farmers can post their personal details (Email, Phone number , Name, Address etc)

**Explore combo Packs** – Farmers can upload their products as combo packs and check the combo pack orders placed by the customers

**Pending Tasks** - Farmers can check their pending orders.

**Customer Module :**

**Completed Tasks** - Farmers can check the orders which is sold

**Dashboard** - Customers can check order and purchase overview

**Mykart** - Customers can check the orders placed and tracking.

**Available Combo Packs** - Customers can check the combo packs available and order them.

**All products** - Customers can check out the products which is available for bulk orders and order them.

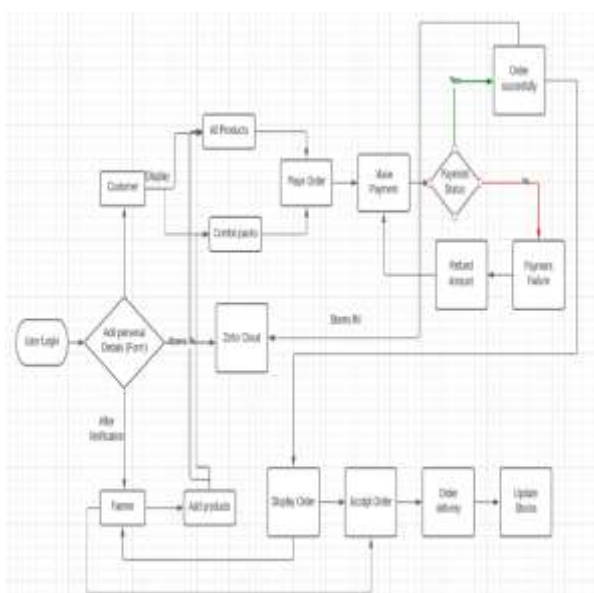
**My Personal Details** - Customers will be able to fill their details to receive the products.

**My community Kart** - Customers will be able to see the combo packs orders by their community.

**III. ARCHITECTURE:**

The below architecture represents system architecture where you can find several blocks like store farmers, customers, farming products.

- Here Farmers will add their related products
- **IND-AGRO MARKET** is an app/web where buyers can view all products and order any healthy products directly from farmers without middlemen.
- Customers may be farmers or any buyers.



**Figure: 01- System architecture**The below flowchart helps you to understand better about app process



Fig.2. (Working process of Ind – Agro Market)

#### IV. METHODOLOGY:

The Zoho Creator application feature that enables you to gather and store data is a form. Therefore, forms are one of the primary ways that users engage with your programmer. In your Zoho Creator application, a form serves the same purpose as a table in a database or a sheet in a spreadsheet. To generate a report (to examine data in various formats) or a process (to initiate particular activities at particular times or in reaction to set inputs) in your application, a Report must be created.

- Forms to submit data.
- Reports and Pages to view data in multiple formats.
- Workflows to implement logic and perform tasks under certain conditions.

The fundamental prerequisites are as follows:

- Methodology and Plan: We ought to have the least information about our objective individuals (sellers and purchasers). Additionally, we should know every single fundamental component in agribusiness.
- Technology Preference: Preferring any mobile phones, laptops and personal computers like

any devices can access our app by downloading an application also by web.

- Advancement and Metrics: As we are exceptionally related that site speed assumes a fundamental part in changing guests over to purchasers. We ought to take out every one of the superfluous things, code, and streamline all pictures. Additionally, we can dissect all guests' conduct, socioeconomics, orientation, and so forth through connecting our foundation to Google Analytics.
- Client Engagement and Trust: Posting content reliably will upgrade brand exposure alongside followers. Client Engagement assumes a significant part of item deals and reach.
- Demo: Make sure that there will be demo recordings for each segment on YouTube. This would make enlistments a lot more straightforward for farmers or buyers. Then they contact an administrator for queries.
- Secure Payment Gateway: Integrate easy to use, high encrypted payment passage for strain-free exchanges.

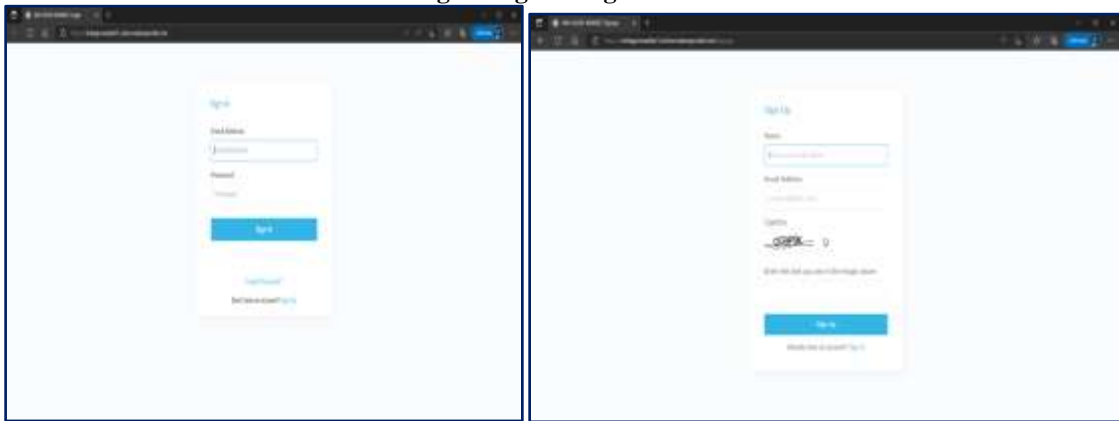
**Customer Modules**

- 1)Dashboard- Customers can check order and purchase overview
- 2)Mykart - Customers can check the orders placed and tracking.
- 3)Available Combo Packs- Customers can check the combo packs available and order them.

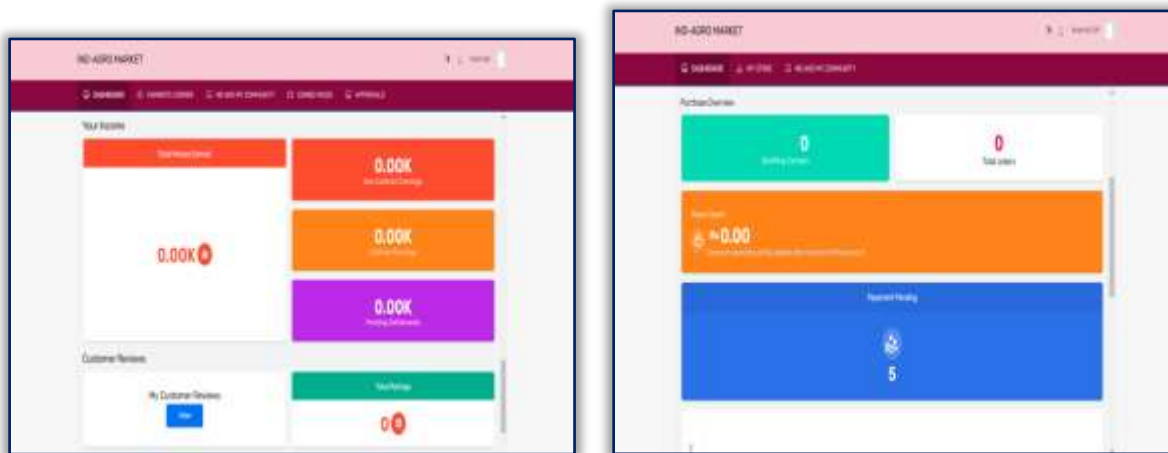
- 4)All products- Customers can check out the products which is available for bulk orders and order them.
- 5)My Personal Details- Customers will be able to fill their details to receive the products.
- 6)My community Kart- Customers will be able to see the combo packs orders by their community.

**V. RESULTS:**

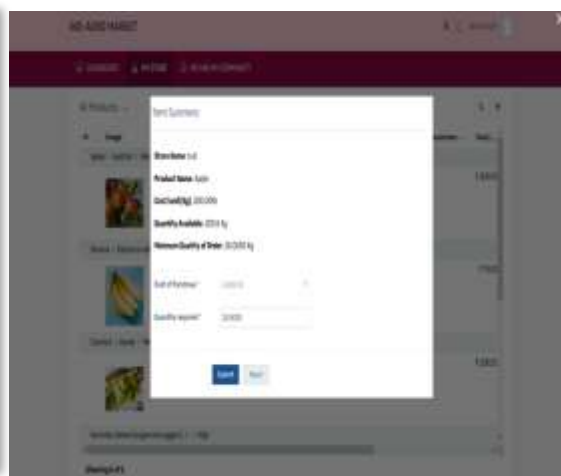
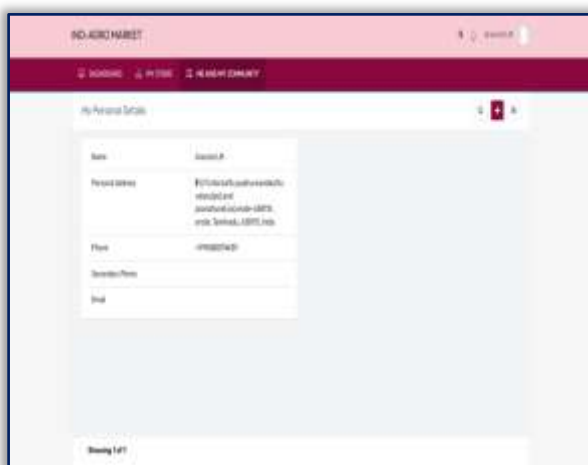
**Fig.7. Login&Registration**



**Fig.9&10 Farmer’s Dashboard**



**Fig 11. Customer Dashboard &Customer page Details**



#### Future scope:

- In IND-AGRO market web application Push-Notification feature to the customers can be implemented (The web application will send notification to the customers about the product that is back on stock which was not available previously)
- In IND-AGRO market contracts feature can be implemented (It will allow farmers and customers to make contract for certain time period)
- This will help farmers to gain more exposure.
- This will also give customers lot of options to choose according to prices and quality offered by farmers.
- This will completely eradicate middlemen influence.
- In this E-Marketing trend both customers and farmers will get more benefits in comparison with traditional method.

#### VI. CONCLUSION:

The farmers will benefit from this system in that it will allow them to set their own prices and reap some rewards for their labour. Creating or Establishing a Transparent, Single-Window, Global Portal for Farmers to Display Their Produce We work towards a brighter future for farmers by utilizing these novel technology, cutting-edge software options, and network improvements to help farmers grow more and more.

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