FARMER E_MARKET PLACE

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Abstract: Farming is the Prime Occupation in India in spite of this, today the people involved in farming belongs to the lower class and is in deep poverty. The Advanced techniques and the Automated machines which are leading the world to new heights, is been lagging when it is concerned to farming. Even after all the hard work and the production done by the farmers, in today's market the farmers are cheated by the Agents, leading to the poverty. Farmer's e-Market will serve as a way for the farmers to sell their products across the country just with some basic knowledge about how to use the website. The Farmer's E-Market is created to help bring together all local vendors. We want to help make each stronger individually as a collective whole by providing simple lines of communication, logistics and support within the relationship of producers to buyers and producers to producers & essentially creating an online farmers market for that offers consistent connection between all producers and buyers. For farmers, this involves listing their agricultural products, complete with essential details like product type, quantity, pricing, and location. On the client side, the platform provides a user-friendly interface for browsing available products, selecting desired items, and efficiently managing purchases. To facilitate a consolidated view of selected items before finalizing a transaction, clients can utilize the shopping cart feature. This not only streamlines the purchasing process but also enhances the overall user experience. Farmers, in turn, receive timely order notifications for the products they've sold and can efficiently manage their orders within the platform.

I.INTRODUCTION

In the ever-evolving landscape of agricultural commerce, the proposed dynamic web project stands as a pivotal solution to streamline and enhance the direct interaction between farmers and clients. The system incorporates crucial functionalities such as secure payment processing, user authentication through login and register features, and an overall focus on ensuring a seamless and protected user experience.. For farmers, this involves listing their agricultural products, complete with essential details like product type, quantity, pricing, and location. On the client side, the platform provides a user-friendly interface for browsing available products, selecting desired items, and efficiently managing purchases. To facilitate a consolidated view of selected items before finalizing a transaction, clients can utilize the shopping cart feature. This not only streamlines the purchasing process but also enhances the overall user experience. Farmers, in turn, receive timely order notifications for the products they've sold and can efficiently manage their orders within the platform.

II.SYSTEM ANALYSIS

EXISTING SYSTEM

The study proposes a novel block chain-based model for an agricultural product traceability system.

PROPOSED SYSTEM

The platform aims to bridge the gap between farmers and clients and transparent transactions for agricultural products.

FEASIBILITY STUDY

Feasibility studies aim to objectively and rationally uncover the strengths and weaknesses of the existing business or proposed venture, opportunities and threats as presented by the environment, the resources required to carry through, and ultimately the prospects for success.

In its simplest term, the two criteria to judge feasibility are cost required and value to be attained. As such, a well-designed feasibility study should provide a historical background of the business or project, description of the product or service, accounting statements, details of the operations and management, marketing research and policies, financial data, legal requirements and tax obligations. Generally, feasibility studies precede technical development and project implementation.

III. SYSTEM IMPLEMENTATION

MODULE LIST
- ➢ admin login
- ➢ farmer login
- ➢ farmer register
- ➢ user register
- ➢ user login
- ➢ user search
- ➢ admin updates

MODULE DESCRIPTION

ADMIN LOGIN:
Admin is the owner of the application all process to be process under the admin model. First it have to login and verify the whole owner ship documentation and user details and etc.

FARMER REGISTER:
First it need to enroll that register structure contains set of info box ranchergive about the permit and report photograph likewise that is the rancher register process.

FARMER LOGIN:
Farmer should be register before login. Farmer have to enter register email id and password then farmer can login our web application.

USER REGISTER:
First it need to enroll that register structure contains set of info box user give about the personal data and contact photograph likewise that is the user register process.

USER LOGIN:
Farmer should be register before login. Farmer have to enter register email id and password then user can login our web application.

USER SEARCH:
In this module the client search the fundamental item in important area and select the item and afterward purchased.

ADMIN UPDATES:
Administrator view the all the rancher rundown and client list and furthermore item list. Administrator model can acknowledge and dismiss the rancher use and item after support that item going to client for deals.

IV. CONCLUSION

In conclusion, the proposed dynamic web project presents a comprehensive solution to streamline direct purchasing between farmers and clients through an online platform. Leveraging Java, HTML, CSS, Bootstrap, and JavaScript, the system offers a secure and user-friendly experience. Key features such as payment processing, user authentication, and account management ensure a seamless interaction for both farmers and clients. The platform enables farmers to showcase their agricultural products with relevant details, while clients can easily browse, select, and purchase items. The inclusion of a shopping cart feature enhances the user experience by providing a consolidated view of selected products. Additionally, real-time chat functionality fosters direct communication, further improving the overall buying experience. This project addresses the essential aspects of online transactions, empowering farmers and clients to engage in efficient and secure e-commerce within the realm of agricultural products.

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