**DMCF CHATBOT**

**PROJECT ABSTRACT**

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**DMCF CHATBOT**

**ABSTRACT**

This venture, titled “E-Agriculture for Direct Marketing of Food Crops Using Chatbot,(DMCF CHATBOT)” is created with PHP as the front end and MySQL as the back end. The reason of this venture is to construct a offering handle, making a stage where bidders and dealers can come together to exchange different things. The framework shows the time cleared out to offered and the number of offers. It comprises of a web entry where enlisted clients can propose modern biddings, put offers, send messages to other clients, and get programmed overhauls through E-MAIL when they get modern offers, when a offering is over, etc. The online offering venture holds biddings of different items on a site, serving venders and bidders in like manner. It permits clients to set up their items for offering and bidders to enlist and offered for different items accessible for bidding.

**INTRODUCTION**

This project is entitled “E-Agriculture for Direct Marketing of Food Crops Using Chatbot.” The purpose of this project is to build a bidding process, a place for bidders and sellers to come together and trade almost anything. The system also displays the time left to bid and the number of bids. The system consists of a web portal where registered users can propose new biddings, place bids to buy the items on bidding, send messages to other users, and receive automatic news via E-MAIL (when they receive new offers for the proposed biddings, when a bidding is over, etc.). The online bidding project holds online biddings of various products on a website and serves sellers and bidders accordingly. The system is designed to allow users to set up their products for bidding and bidders to register and bid on various products available for bidding.

**EXISTING SYSTEMS**

Traditional rural markets often involve middlemen, leading to reduced benefits for farmers. Current online platforms for agricultural trading may not offer real-time communication or automated updates, which can diminish the efficiency of the trading process. These limitations can result in slower transactions and decreased profitability for farmers. Additionally, the lack of a user-friendly interface and efficient communication tools can lead to poor user experience and lower adoption rates. Improving these platforms by integrating real-time communication tools and automated update features could enhance the trading experience, allowing for quicker, more transparent, and more profitable exchanges. Addressing these issues is crucial for maximizing the potential benefits of online agricultural trading and supporting the financial well-being of farmers.

**DISADVANTAGE**

**Reliance on Middlemen: Traditional rural markets often depend on middlemen, who take a significant share of the profits, reducing the overall income for farmers.**

**Limited Real-Time Communication: Existing online platforms may lack real-time communication tools, leading to delays in transactions and updates, which can impact the efficiency and speed of trading.**

**Inefficient Update MechaniE-mail: The absence of automated update features means that users may not receive timely information about market changes or bidding statuses, resulting in missed opportunities or delayed responses.**

**Poor User Experience: Many current platforms may not have a user-friendly interface, making it difficult for farmers to navigate and effectively use the platform, which can deter adoption.**

**PROPOSED SYSTEMS**

The proposed framework integrates a web portal with a Chabot to facilitate direct marketing of food crops. Registered users can initiate new bids, place offers, and communicate via messages within the platform. Automated E-MAIL updates keep users informed in real-time about bidding statuses and market developments. This streamlined communication aims to enhance efficiency and user experience in agricultural trading.

The Chabot plays a pivotal role by enabling instant interaction, providing timely updates, and ensuring that participants can engage seamlessly throughout the trading process. By reducing communication barriers and facilitating direct buyer-seller interactions, the platform fosters transparency and trust. This approach not only improves the effectiveness of agricultural trading but also contributes to a more productive experience for both sellers and buyers.

Overall, the framework focuses on leveraging technology to optimize the trading experience, from bid initiation to deal closure. It aims to empower agricultural stakeholders with accessible tools for efficient market participation, ultimately enhancing transactional efficiency and market outcomes in food crop trading.

**ADVANTAGES AND FEATURES**

**Direct Marketing:** Eliminates intermediaries, increasing profits for farmers.

**Real-Time Communication:** Chatbot integration ensures instant interaction and updates.

**Automated Notifications:** Users receive automated E-MAIL updates regarding offers and bids.

**User-Friendly Interface:** Easy registration and bidding process for sellers and bidders.

**Efficient Bidding Process:** Displays time left to bid and the number of bids for better decision-making.

**SYSTEM REQUIREMENTS**

**Front End:** PHP

**Back End:** MySQL

**CONCLUSION**

The "E-Agriculture for Direct Marketing of Food Crops Using Chatbot" project seeks to revolutionize agricultural trading by creating a direct, efficient, and user-friendly platform. The integration of a Chatbot and automated notifications enhances communication and provides real-time updates, ensuring a seamless trading experience for sellers and buyers. This innovative approach aims to streamline the agricultural market, increasing transparency and efficiency while supporting the financial well-being of farmers.

**REFERENCE**

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