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THE AGRI WEB

Sanjivani Adsul, Aman Donewar,
Prapti Dongaonkar, Ayush Dongarive,
Vanshika Dongare ,Manav Dongare

Department of Engineering, Sciences, and Humanities (DESH)
Vishwakarma Institute of Technology, Pune, 411037, Maharashtra, India

Abstract:-

Agriculture is a vital sector of the global economy and the primary source of food and income for a large part of the world's population. However, despite its importance, the agriculture industry is facing numerous challenges such as climate change, resource depletion, and market fluctuations. The development of innovative technologies and digital platforms is crucial to address these challenges. This paper presents a comprehensive analysis of the agriculture industry through the lens of a novel web-based platform that aims to support and optimize agricultural practices. The platform enables users to manage their operations, access relevant information and resources, and connect with other agriculture community members. Through the platform, users can access data on weather patterns, crop prices, and market trends, as well as engage in virtual training and mentorship programs.

Keywords:- Market fluctuations, Agriculture Practices, Market trends, Virtual Training, Mentorship Programs.

INTRODUCTION

Agriculture plays a crucial role in the economic growth of many countries and is vital for ensuring food security and sustainability. With the advancement of technology and the internet, agricultural practices have become more sophisticated, efficient, and accessible than ever before. Websites based on agriculture have emerged as a valuable resource for farmers, researchers, policymakers, and consumers alike, providing up-to-date information on crop management, livestock rearing, agricultural markets, and other related topics.

This research paper aims to explore the various aspects of a website based on agriculture, including its role in disseminating information, facilitating knowledge exchange, and supporting decision-making in the agricultural sector. It also examines the challenges and opportunities associated with developing and managing such a website, such as ensuring user engagement, content relevance, and accessibility. Through a comprehensive review of

literature, case studies, and expert interviews, this paper seeks to provide insights into the best practices and strategies for creating a successful website in the field of agriculture.

LITERATURE REVIEW

"The impact of digital agriculture on small-scale farmers: Evidence from sub-Saharan Africa" (Jha et al., 2019) - This study found that access to digital agriculture technologies, including websites, can positively impact small-scale farmers by providing access to information and market opportunities.

"Design and implementation of an agriculture information management system based on web technology" (Liu et al., 2017) - This study described the development of an agriculture information management system based on web technology, which was designed to provide farmers with access to information on best practices, market prices, and weather forecasts.

I. METHODOLOGY

A. Tools:-

- HTML
- CSS
- JavaScript
- Bootstrap

B. Methodology:-

Here is a general methodology for web development using HTML and Bootstrap:

HTML markup: Write the HTML code for the website structure, including the head, header, main content area, and footer.

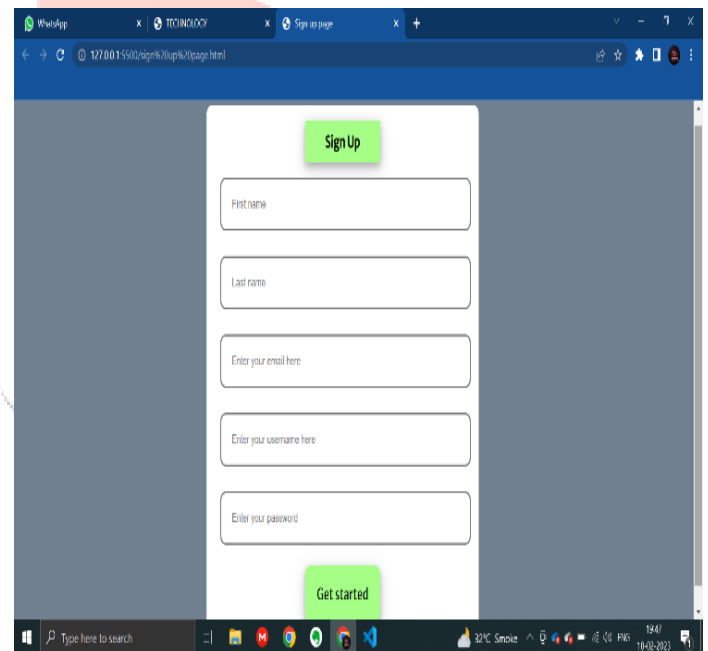
CSS styling: Add styles to the HTML elements using CSS. Bootstrap provides a set of pre-designed CSS classes that can be used to quickly apply basic styles to the website.

Bootstrap Implementation: Include the Bootstrap CSS and JavaScript files in the HTML head and Using its pre-designed components and classes to create the site's layout, navigation, and other features.**Testing and Debugging:**

Test the website on different devices and browsers to ensure that it is fully functional and responsive, and fix any bugs or issues that are found.**Deployment:** Publish the website on a web server and make it publicly accessible.**Maintenance:** Regularly update the website to keep its content and functionality up-to-date and fix any issues that may arise.

Note: This is a general methodology and the specific steps may vary based on the requirements and complexities of the project.

Fig.1



Fi g.2

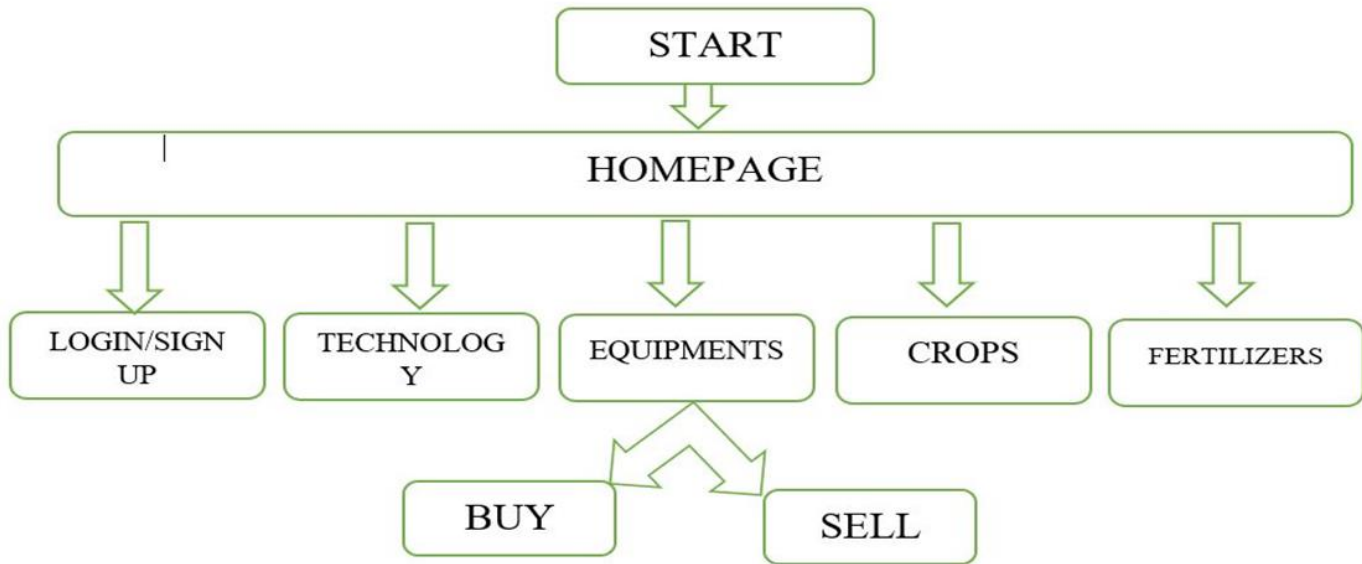



Fig.3

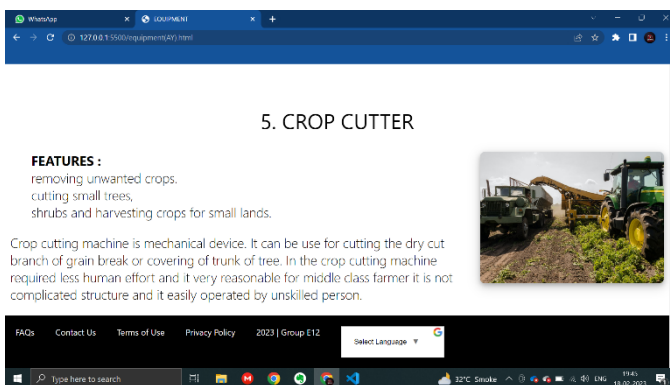
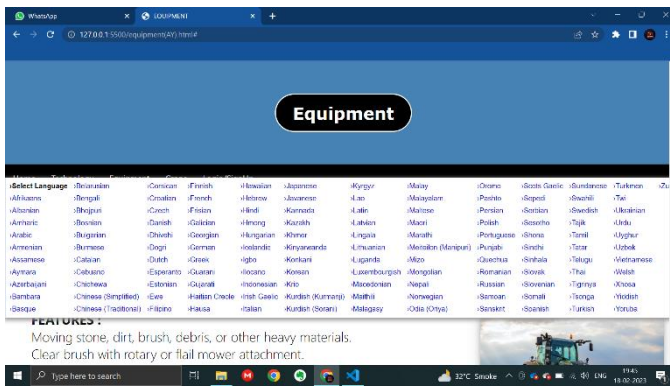
ऐसे कई उपकरण हैं जो काम को आसान और सटीक बनाने में मदद करते हैं, उनमें से कुछ निम्नलिखित हैं:

1. ट्रैक्टर

विशेषताएँ :
 हिलता हुआ पत्थर, मिट्टी, ब्रश, मलबा या अन्य भारी सामग्री।
 रोटरी या फ्लेल मॉवर अटैचमेंट के साथ साफ़ ब्रश।
 जमीन जोतना और बगीचा या खेत तैयार करना।
 बजरी ड्राइववे या सड़क का भुगतान और व्यापार करें।

खेती के विभिन्न कार्यों के लिए भारी बोझ खींचने के लिए ट्रैक्टर का उपयोग किया जाता है। किसानों द्वारा कई कृषि कार्य किए जाते हैं, और प्रत्येक कार्य के लिए आवश्यक कृषि मशीनरी और उपकरण विकसित किए जाते हैं। इसी तरह किसान की जरूरत और मांग के अनुसार कई तरह के ट्रैक्टर विकसित किए गए हैं।





II. OBJECTIVES:-

- 1.To provide a platform for basic information on agriculture.
2. One step to digitalized Agriculture.
3. To learn skill-full farming.
- 4 . To provide a platform for sellers and buyers to sell and buy their products related to agriculture.

III. FEATURES:-

Login/Sign Up/Terms and Conditions, information about crops, farming tips for newbies, videos, and images related to agriculture, agriculture with help of technology, options for buyers and sellers, and use of a translator to break the language issue.

IV. RESULTS AND DISCUSSION:-

This website is fully functional. The user will get a basic idea about farming and agriculture. The user who will face any problem in reading will now able to read the information in his known language. Farmers would get an idea of maintaining livestock using technology. The website will provide second-hand farming equipment to buyers who are interested in it. Website plays an

important role in communicating the findings of research and studies in the field of agriculture and in promoting the application of best practices to improve agricultural outcomes. The website is our first step to help the one who gives their whole life to feed us.

V. CONCLUSION:-

In conclusion, the development of a website for agriculture using HTML and CSS can provide numerous benefits for the agriculture industry. By creating a website, farmers, agribusinesses, and other stakeholders in the agriculture industry can reach a larger audience and showcase their products, services, and expertise to the world. A well-designed and user-friendly website can help increase visibility and accessibility, promote better communication and collaboration, and ultimately drive growth and success for the agriculture industry. HTML and CSS are powerful tools for web development, and with the right approach and design, they can help create a robust and effective website for agriculture.

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