ABSTRACT

Submitted by,

Ananthalakshmi A G

Roll No.13

Topic: AgriSelect – Smarter crop choices

The AgriSelect serves as an online platform where farmers can sell their seeds or crops to customers without the interaction of a middleman. The primary goal of the AgriSelect is to facilitate efficient and transparent transactions between buyers and sellers. It eliminates the need for customers to visit multiple stores or suppliers, thus saving customer's valuable time and effort.

AgriSelect can also provide additional services such as technical advice, support, and information on best practices. Farmers can create their profiles and add their products, which are then purchased by the customers. Customers can sort the products based on its type and even locality. Also, Customers can be given advice for better cultivation by analysing their soil features and weather conditions and thus provide appropriate product which can help in great yield.

Users:

1. **Admin**
   Functionalities:
   a) Login
   b) User Management
   c) Seller verification
   d) Product Catalog
   e) Update order status

2. **Sellers**
   Functionalities:
   a) Registration with email verification
   b) Login
   c) Single sign on integration
   d) Manage Profile
   e) Order notification – customer order details
   f) Add Products
   g) Order Fulfilment

3. **Customer**
   Functionalities:
   a) Registration with email verification
   b) Login
   c) Single sign on integration
   d) Manage Profile
   e) Search products
   f) Product Recommendation
   g) View Product Details
   h) Manage cart
   i) Order placement
   j) Add address cards
   k) Check for crop disease

l) Chatbot

m) Guidance on crop growth – pdf generator

n) Payment and checkout

o) Order Fulfillment

p) Order Tracking

q) Order History

r) Wishlist

s) Feedback

4. Guest User
a) Search Products

b) View Products

5. Delivery Agent
a) Register with email verification

b) Login

c) Manage Profile

d) View Orders

e) Update delivery status

In conclusion, the AgriSelect concept presents a valuable solution to meet the diverse needs by offering various products, technical support, and sustainable solutions. It has the potential enhance productivity and contribute to the overall development of the agricultural sector. It also integrates machine learning technology to enhance its efficiency.

Seminar Topic: Crop Disease Detection

Technology Used:

- Image processing to detect disease
- Recommendation of products
- Chatbot