

# **PlantPulse**

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## PLANTPULSE

### ABSTRACT

Plantpulse is an innovative web based forum that can facilitate plant enthusiasts like gardeners, product purchasers and experts. Botanist is a registered user for plant related consultation along with gathering recommendation regarding selling plant, seeds, fertilizer, pesticide and the overall well being of the farming. Horticulture expert is an another registered user for plant propagation techniques along with recommending video tutorial, blog and live alerts. The proposed Project aims to provide a comprehensive online ecosystem that caters to the diverse needs and interests of individuals who are passionate about plants and serves as a one\_stop destination for every plant related, offering an array of modules and functionalities that has a fast discovery about the content and knowledge sharing.

The proposed system has 5 modules as Admin ,Customer, Botanist, Horticulture expert, Delivery boy

In the Admin module, can manage overall system like user management, product management, order management and also can manage Botanist as well as Horticulture expert.

In the Customer module, user can register and log in as customer to browse and purchase plants, can request for consultation from Botanist, can design new plant with the help of an Horticulture expert and can manage the shopping preferences also track their order.

In the Botanist module , can register and use the system to respond to customer inquires, manage user demand and ensure plant quality .This module have an advanced feature such as automated plant disease detection using image recognition and plant identification through machine learning.

In the Horticulture expert module, It can also register and use the system to develop the desired plants by a user which will be able to ensure plant quality. The module can provide video tutorial, blog and live alerts about the plant culture .

In the Delivery module, the delivery person can view the order category and user location along they can report order confirmation.

Out of the proposed system, the mini project contains Admin module which include user management, product management, inventory control , order management , manage Botanist , manage Horticulture experts, verify payment. Customer module includes registration, login, product browsing, consultation request, request to Horticulture Expert, Wishlist, add to cart and payment. Botanist include registration, login, consultation response ,status view. Horticulture Expert include registration and login, view user demand, manage user demand, product quality and certain tutorials.

Main project contain Admin which includes manage delivery boy and the over all system. Customer include order tracking, order history, review and feedback. Delivery boy includes delivery management, order status update, delivery confirmation. Additional feature includes automated plant disease detection and plant identification .