Summary

A rapidly growing houseplant store wants to expand its business to build an Online Plant Store System (OPSS) to manage its expanding business and improve customer engagement. The system should aim to meet the following requirements:–

    a) Facilitate the buying of a diverse range of plants and plant accessories

    b) A comprehensive marketplace experience, making the interface accessible to the user

    c) A responsive, dynamic application that responds to user inputs and updates the backend database as the user interacts with the application

    d) The store catalogue must have a filter feature to enhance user experience, allowing users to sort items and accessories by price, type etc

    e) The user must be able to edit their account information as well as view and cancel any orders made

    f) Users must also be able to set personal reminders, notifying them of when to water their plants

The system should also feature a user-interface which keeps the design aesthetics of the houseplant store in mind.

The system should allow users to browse the store catalogue, which will include filtering options such as plant species, type, price and accessory. Each plant listing will include brief descriptions, care instructions and pricing information, which can be visible when a customer selects a plant.

Once the user selects a plant, they can add it to their cart to proceed with the checkout process. Users may update their cart or remove items. When the user initiates the checkout process, they must enter in payment details before finally placing the order.

Another integrated feature should allow users to set a reminder by selecting a date. The reminder will take input on the plant type and species (e.g., succulent, tropical, houseplant) and notify the user of when to next water their plant.