



Plant-Palace

PROJECT REPORT

PLANT PALACE

"Where Nature Flourishes:
Your Ultimate Plant

Techwiz 4

Aptech Learning Garden Centre Karachi

"Shaping Dreams, Crafting Careers"
"Learn, Grow, Succeed with Aptech."

"Nurturing Green Passions, One Leaf at a Time,
Explore, Shop, and Cultivate Your Plant Paradise with Us."

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1. Introduction:

Purpose:

The Plant Palace website serves as an online platform for plant enthusiasts to explore, purchase, and learn about various types of plants. It provides a user-friendly interface for browsing a wide selection of plants, accessing detailed plant information, managing user profiles, making secure purchases, and engaging with plant-related content.

Scope:

This documentation outlines the features, functionality, and usage instructions for the Plant Palace website. It covers both user and admin perspectives, ensuring a comprehensive understanding of the platform.

Audience:

This documentation is intended for users, administrators, and developers who interact with or contribute to the Plant Palace website. Users will find guidance on how to navigate the website, while administrators will gain insights into managing various aspects of the platform. Developers can refer to technical details and integrations.

2. Definition Of The Problems

Many plant enthusiasts, from novice gardeners to experienced botanists, lack a comprehensive and user-friendly online resource that provides accurate plant information, gardening advice, and a supportive community. Existing plant websites often offer fragmented information, outdated content, or limited interactivity, making it difficult for users to efficiently identify plants, access reliable care guidelines, and connect with like-minded individuals. Additionally, the lack of a streamlined platform for purchasing plants, seeds, and gardening supplies further hinders the user experience for those looking to enhance their green spaces.

To address these challenges, our plant website aims to create an all-inclusive online hub where users can easily identify plants, access expert gardening tips, engage in meaningful discussions, share their plant journeys, and conveniently acquire plant-related products. By providing a robust and intuitive platform, we intend to empower plant enthusiasts of all levels to explore the world of plants with confidence, foster a thriving plant-loving community, and contribute to sustainable and rewarding gardening experiences. For more information read Goals of our website.

3. Requirements Analysis:

This phase consists of the following.

➤ **List of inputs to the system**

In the online Palace Plants, example of inputs would be login details, customer details, plants and so on.

➤ **Lists of Outputs Expected from system:**

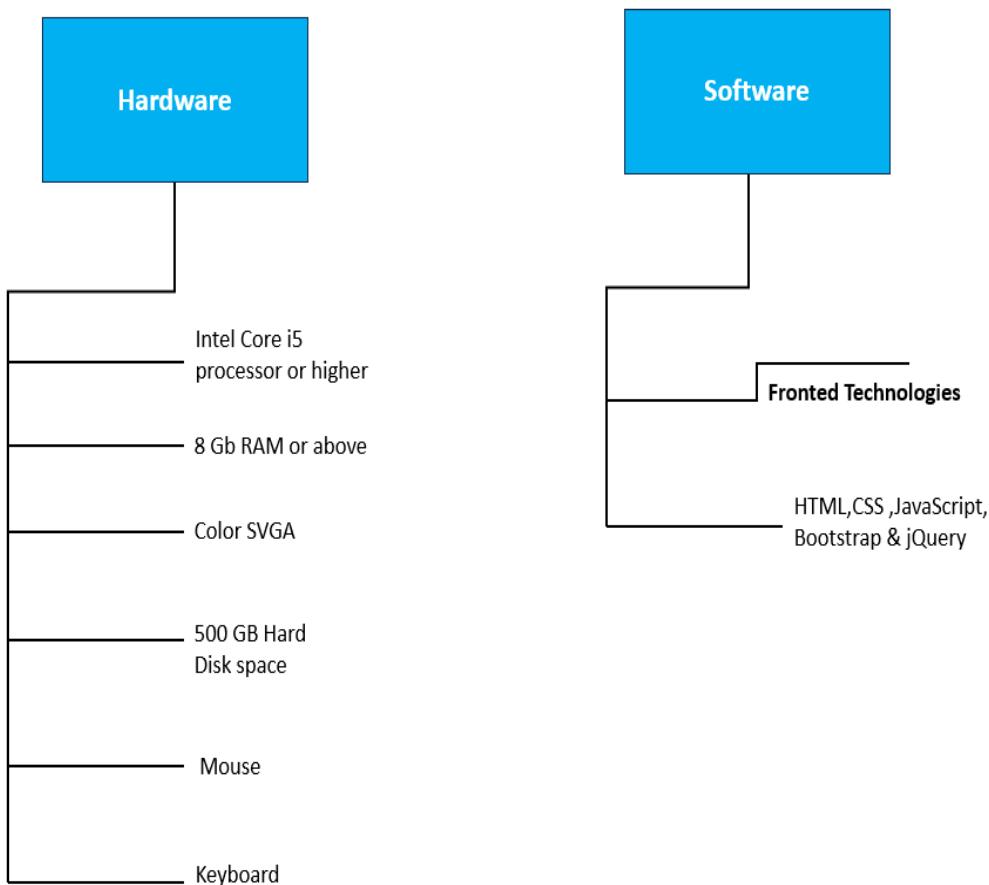
In the online palace plant, example of outputs would be order details, payment and so on.

➤ **Overview of processes involved in the system:**

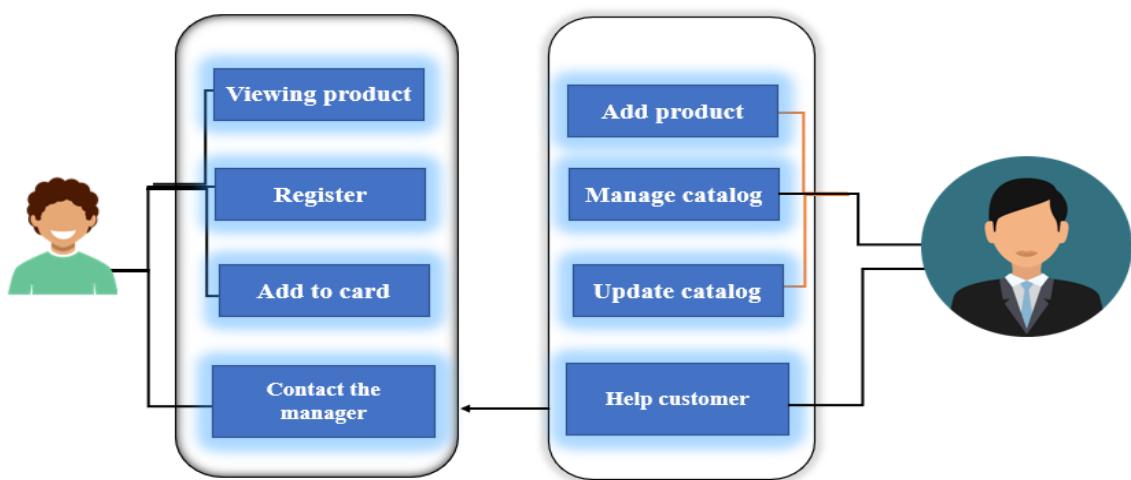
This list includes the following.

- User login.
- Add/ Modify Order Details.
- Cart & Checkout.
- Delivery of order.

➤ **Hardware and software required for implementing the project:**



4. Designing Process Module:



5 . Design Phase

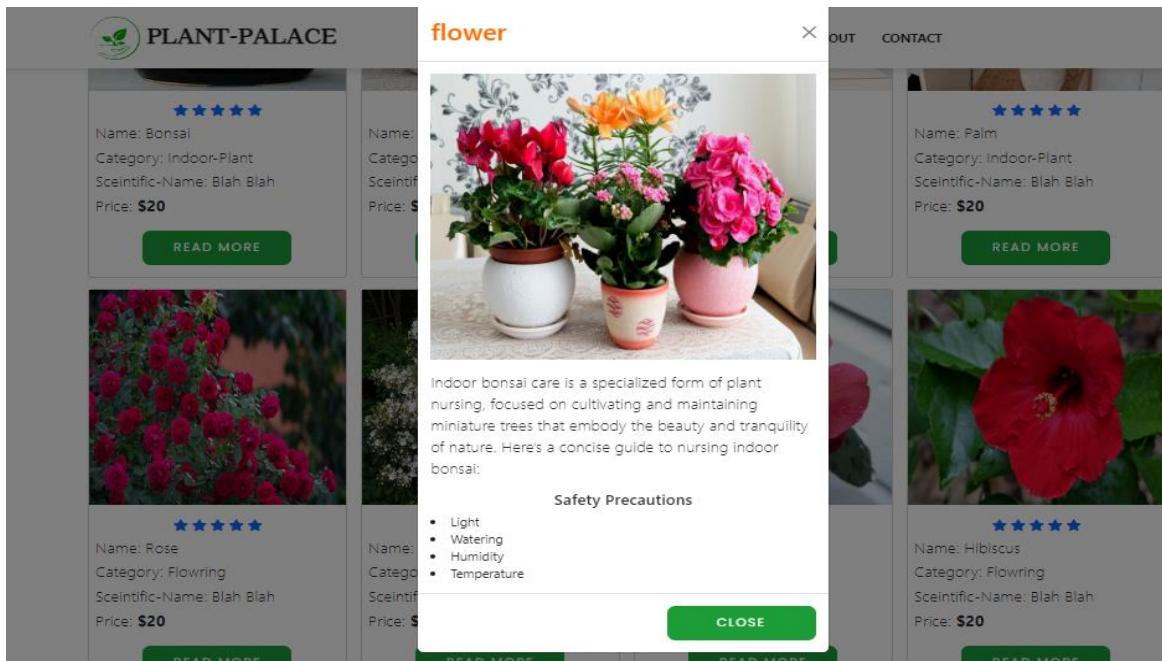
1. System Overview:

The Plant Care and Identification System is a crucial component of the "GreenThumb Hub" website, providing users with tools and resources to identify plants and access detailed care information. This system will enhance user engagement, empower plant enthusiasts, and contribute to the overall goal of creating a comprehensive plant-related platform.

2. Functional Requirements:

❖ Plant Profiles:

Provide detailed profiles for identified plants, including common names, scientific names, growth habits, care requirements, and images.



- Include interactive tooltips with quick care tips and links to related articles.



SERVICES



Plant Sales

"Explore A Diverse Collection Of Plants For Sale, Ranging From Exotic Species To Popular Favorites, To Enhance Your Garden."



Community Forums

"Join Our Thriving Gardening Community Forums To Share Insights, Ask Questions, And Connect With Fellow Plant Enthusiasts."



Online Plant Care Resources

"Empower Green Thumb With Comprehensive, Guiding You To Nurture Your Plants With Confidence."



Gardening Tips And Advice

"Discover Expert Gardening Tips And Advice To Cultivate Thriving Plants And Create A Vibrant, Lush Garden Oasis"



6. Purpose & Goals:

1. Information Resource:

The website could aim to educate visitors about different types of plants, their characteristics, growth requirements, and care tips. This goal would provide valuable information to gardening enthusiasts, botanists, and individuals looking to learn more about plants.

2. Plant Identification:

The website might focus on helping users identify different plants. It could provide tools such as plant identification guides, image galleries.

3. Gardening Advice:

Its goal could be to offer gardening advice, tips, and tutorials. This might include topics like soil preparation, planting techniques, pest control, and seasonal gardening tips.

4. Plant Sales and Commerce:

This website also designed to sell plants, seeds, gardening tools, and related products. so, the primary goal here is to drive sales and provide a convenient platform for users to purchase plants and gardening supplies.

5. Community and Forums:

The website could foster a community of plant enthusiasts where users can discuss their gardening experiences, share photos of their plants, seek advice, and exchange information. The goal would be to create an engaged and supportive community.

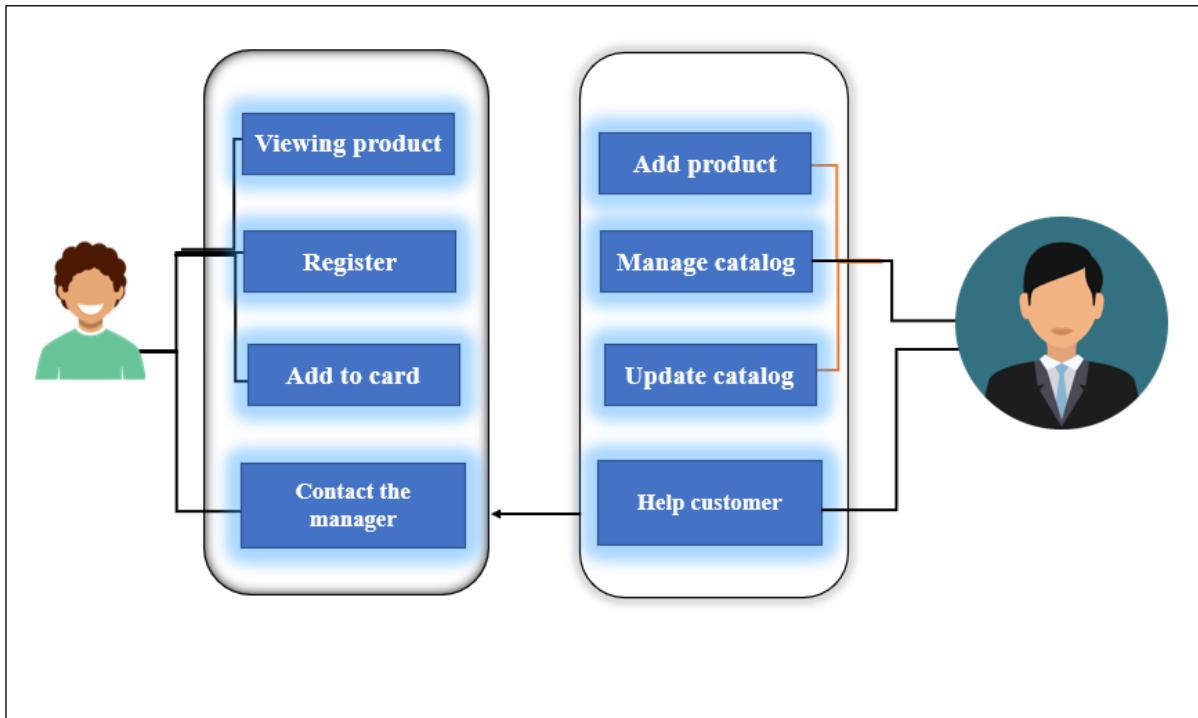
6. Conservation and Ecology:

If the website is focused on environmental awareness, it might aim to educate users about the importance of plant conservation, ecosystems, and the role of plants in the environment. The goal here is to raise awareness and promote sustainable practices.

7. Local Plant Resources:

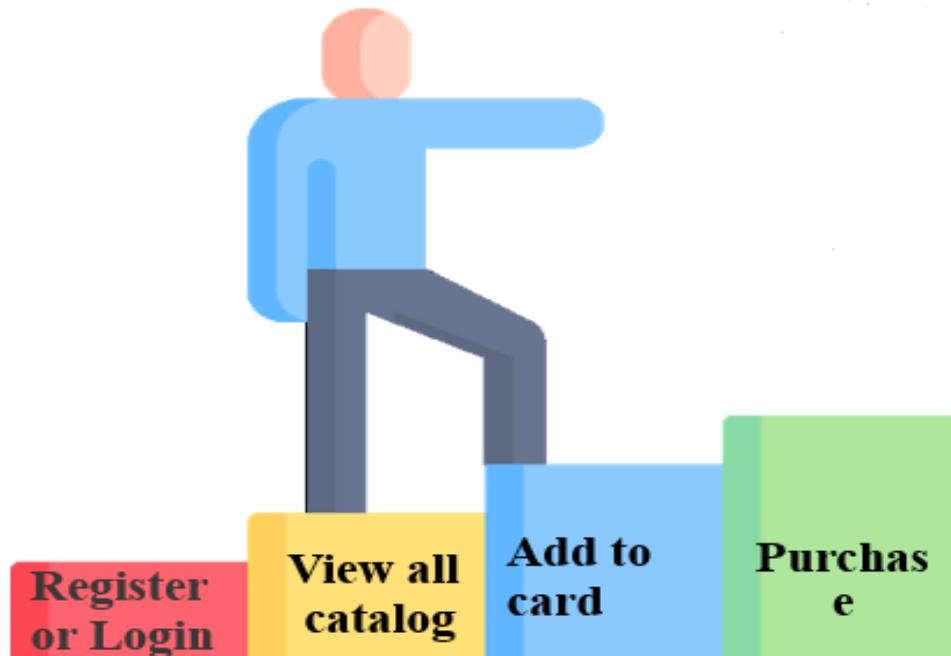
The website might focus on providing information about local plant species, native plants, and resources for landscaping with plants that thrive in a specific region.

7. Architecture of web:



Plant architecture is defined as the three dimensional Organization of the plant body. For the parts of the plant that are above ground, this includes the branching pattern, as well as the size, shape and position of leaves and flower organs.

8. Flow Diagram



- Register or Login:

Decision Point: Is the user registered?

If Yes, proceed to Login.

If No, proceed to Registration.

- View All Catalog:

User search the available items.

System displays the catalog with product details.

- Add to Cart:

User selects desired items.

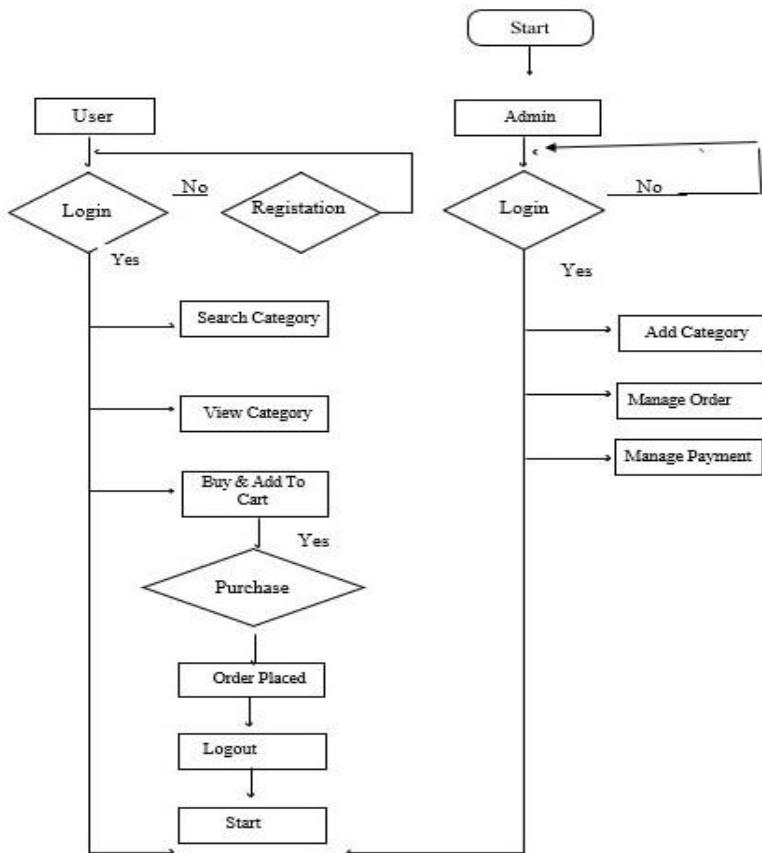
System adds selected items to the shopping cart

- Payment:

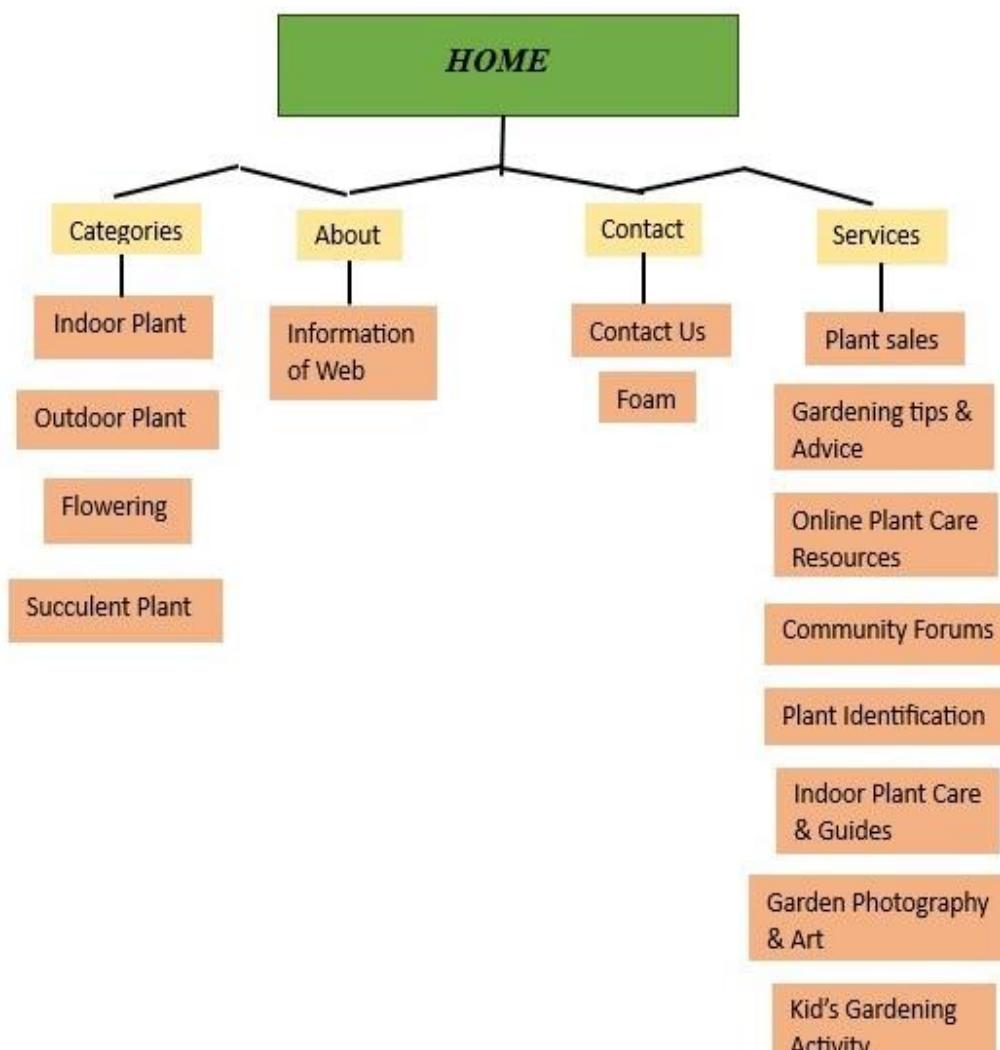
User provides payment information.

System processes payment securely.

Flow Chart:

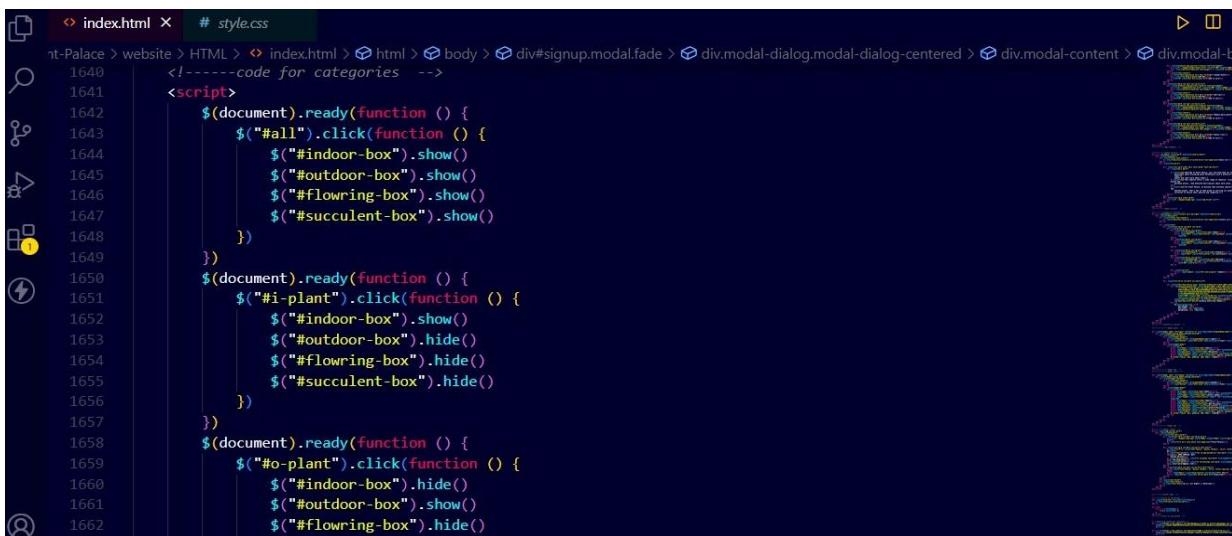


9. Site Map



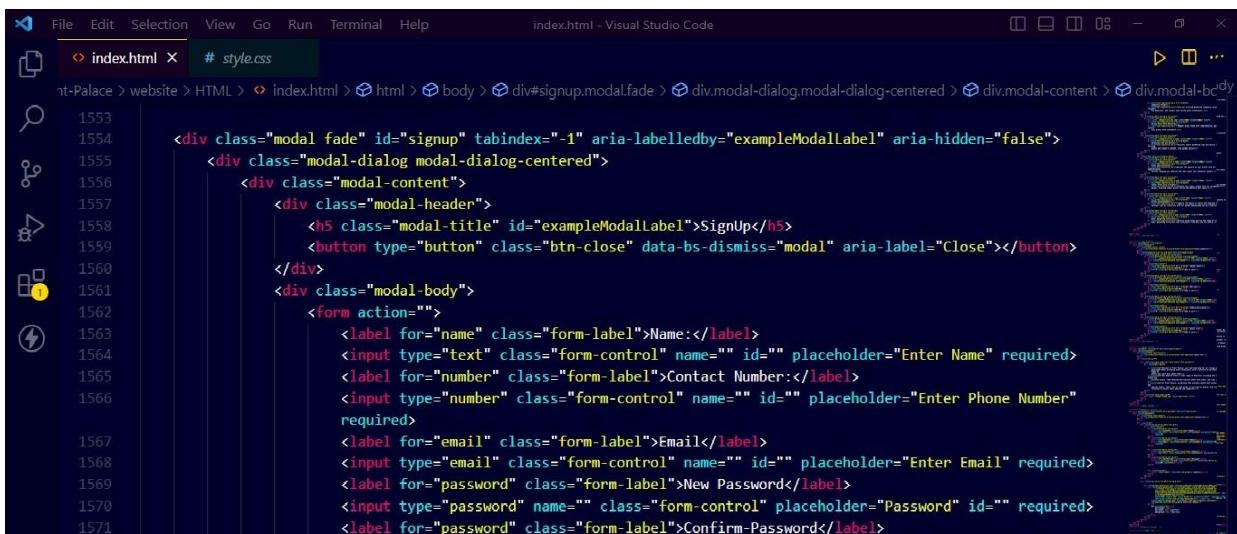
10. Source Code

• JS



```
index.html # style.css
nt-Palace > website > HTML > index.html > body > div#signup.modal.fade > div.modal-dialog.modal-dialog-centered > div.modal-content > div.modal-body
<!-- code for categories -->
<script>
$(document).ready(function () {
    $("#all").click(function () {
        $("#indoor-box").show()
        $("#outdoor-box").show()
        $("#flowring-box").show()
        $("#succulent-box").show()
    })
})
$(document).ready(function () {
    $("#i-plant").click(function () {
        $("#indoor-box").show()
        $("#outdoor-box").hide()
        $("#flowring-box").hide()
        $("#succulent-box").hide()
    })
})
$(document).ready(function () {
    $("#o-plant").click(function () {
        $("#indoor-box").hide()
        $("#outdoor-box").show()
        $("#flowring-box").hide()
    })
})
```

• HTML



```
File Edit Selection View Go Run Terminal Help index.html - Visual Studio Code
index.html # style.css
nt-Palace > website > HTML > index.html > body > div#signup.modal.fade > div.modal-dialog.modal-dialog-centered > div.modal-content > div.modal-body
<div class="modal fade" id="signup" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="false">
    <div class="modal-dialog modal-dialog-centered">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="exampleModalLabel">Sign Up</h5>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                <form action="">
                    <label for="name" class="form-label">Name:</label>
                    <input type="text" class="form-control" name="" id="" placeholder="Enter Name" required>
                    <label for="number" class="form-label">Contact Number:</label>
                    <input type="number" class="form-control" name="" id="" placeholder="Enter Phone Number" required>
                    <label for="email" class="form-label">Email:</label>
                    <input type="email" class="form-control" name="" id="" placeholder="Enter Email" required>
                    <label for="password" class="form-label">New Password:</label>
                    <input type="password" name="" class="form-control" placeholder="Password" id="" required>
                    <label for="password" class="form-label">Confirm Password:</label>
```

11. Task Sheet

Task sheet through out the projects including how tasks are divided and when they got completed

Name	Tasks	Update
Siraj (Frontend)	1.Services page	Completed
	2.Documentation	Completed
	merge & designing	
	Site Map	Completed
Ali Raza (Frontend)	Prototype	Completed
	Contact	Completed
	-	-
Hussain Bakhsh (Frontend)	About page	Completed
	Documentation Content	Completed
	-	-
Maheen (Frontend)	Indoor plants, Flowering Shrubs Category	Completed
	Documentation Content	Completed
	Flow Chart	Completed
Yusra (Frontend)	Outdoor plants, Succulent plant	Completed
	Discount Bg img	Completed
	-	-
Gazeen Amir (Frontend)	Web home page design	Completed
	Login or register	Completed

Our Experience and Journey in Aptech during Techwiz-4 competition:

Aptech stands as a beacon of educational excellence, consistently exceeding expectations and nurturing a culture of academic growth. With a steadfast commitment to fostering innovation, and holistic development, Aptech has earned a reputation for being a transformative force in the realm of education. Moreover, the camaraderie and friendships that blossomed during the competition are something we will cherish for years to come. Interacting with like-minded participants from diverse backgrounds was an enriching experience that broadened our perspective and fostered a sense of community.

Thank you for creating an environment where we feel amazing about our life, and for providing us with an experience that will undoubtedly shape your future endeavor's.

With sincerest appreciation, **STARTUPS TEAM .**