\*\*Project Overview:\*\*

1. \*\*Application and Purpose:\*\* This website is designed as a personalized platform for showcasing Winnie Peng’s Garden and selling the plants she cultivates.

2. \*\*Intended Users:\*\* Local residents of Winston-Salem.

3. \*\*Content Overview:\*\* The website will include displays of garden photos, showcased plants available for purchase, detailed care information, a platform for users to make purchases and place orders, as well as contact information and FAQs.

\*\*Client Information:\*\*

1. \*\*Client Name:\*\* Winnie Peng

2. \*\*Associated with:\*\* Self-Employed

3. \*\*Email Address:\*\* winnie.chinaproduct@gmail.com

4. \*\*Phone Number:\*\* (980)-389-1061

\*\*Wireframe:\*\*

- A wireframe will be created using draw.io and shared for review.

\*\*Site Map:\*\*

- A sitemap will be created using draw.io and embedded within the design document.

\*\*Page Design:\*\*

硬性要求：

1. A home page (index.html)

2. Navigation Bar that enables single-clicks to each of the five pages (if you have more, submenus are OK, as appropriate)

3. Component header and footers that are consistent across the web application (footers should include HTML and CSS validation links)

4. Interactivity using JavaScript/jQuery

5. jQuery-UI widget and other plugins

6. AJAX functionality

1. \*\*Home Page:\*\*

- \*\*Purpose:\*\* To introduce the website and provide navigation to other sections.

- \*\*Audience:\*\* All users.

- \*\*Content:\*\* Welcome message(Welcome to Winnie’s Garden!), navigation bars, garden photos

- \*\*Interactive Elements:\*\* Navigation links, a carousel for featured photos.

- \*\*Actions:\*\* Navigation, viewing featured content.

- \*\*Notes:\*\* Keep the design clean and inviting.

2. \*\*Plants Showcase Page:\*\*

Name of the Page: Shop

- \*\*Purpose:\*\* Displaying all available plants for sale.

- \*\*Audience:\*\* Customers interested in purchasing plants.

- \*\*Content:\*\* Plants’ photos and descriptions of each plant, as well as pricing information.

- \*\*Data Entry:\*\* No.

- \*\*Interactive Elements:\*\* Filter options (by price).

- \*\*Actions:\*\* Viewing plant details, adding to cart.

3. \*\*Plant Details Page:\*\*

- \*\*Purpose:\*\* Providing detailed information about a specific plant.

- \*\*Audience:\*\* Customers interested in learning more about a particular plant.

- \*\*Content:\*\* Plant description, care instructions, pricing, and purchase option.

- \*\*Interactive Elements:\*\* Option to add to cart.

- \*\*Actions:\*\* Adding to cart, navigating back to plant showcase.

Back to Top Button: A button that scrolls the page back to the top for easy navigation.

- \*\*Notes:\*\* limited each item number to be 5.

4. \*\*Checkout Page:\*\*

- \*\*Purpose:\*\* Facilitating the purchase process.

- \*\*Audience:\*\* Customers ready to make a purchase.

- \*\*Content:\*\* Cart summary, delivery details.

- \*\*Data Entry:\*\* Yes (for delivery details).

- \*\*Validations:\*\* Ensure required fields are filled, validate email and phone number formats

- \*\*Actions:\*\* Completing purchase(Thank you for your order!), navigating back to plants showcase page.

- \*\*Notes:\*\* Keep the checkout process streamlined and user-friendly.

5. \*\*About Page:\*\*

Name of the Page: About Winnie's Garden

Purpose of the Page: To provide detailed information about Winnie Peng and her garden, including her background, gardening philosophy, and the story behind her garden.

Audience/Users of Page: Visitors interested in learning more about Winnie Peng and her gardening journey.

Content of the Page:

Introduction: A warm welcome message introducing Winnie Peng and her passion for gardening.

Garden Story: An engaging narrative about Winnie's journey in creating and maintaining her garden. This could include anecdotes, challenges faced, and memorable moments.

Photos: photos showcasing Winnie's garden’s location.

Contact Information: Contact details for Winnie Peng, including email address and phone number, for visitors who want to reach out for inquiries or collaborations.

- \*\*Interactive Elements:\*\* Contact form?(TBD)

Back to Top Button: A button that scrolls the page back to the top for easy navigation.

Contacting Winnie: Users can click on the provided contact email to reach out to Winnie Peng for inquiries or collaborations.

Optimization: Ensure that the page loads quickly and is optimized for both desktop and mobile devices to provide a seamless browsing experience.

\*\*Dynamic Functionality:\*\*

- Implement dynamic features such as:

- Interactive plant filter on the Plants Showcase page to allow users to narrow down their options based on preferences.

- A shopping cart system that updates in real-time as users add or remove items.

- AJAX functionality for smooth and seamless browsing experience, reducing page reloads during navigation and purchases.