Web Development

ASSESSMENT 2: Web Development Project

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| **Students Name** | Lynne Jessica T. Ong |
| **Roll No** | 04-24-310 |
| **Github Repository Name** | JiSea0624 |
| **Github Repository Link** | https://github.com/JiSea0624/WebProgramming |
| **Repository Screen Shot** |  |
| **Theme (Topic)** | Organization (Business) |

1. **Brief**

The students are tasked to create a website with only the themes of educational, portfolio, medical, gaming, and organization. Each student gets to pick whatever they want as long as it is in the theme; moreover, they are also tasked with giving it features and also interactivity for the users.

1. **Design Direction**

The theme that I have chosen is Organization connected to Business because I wanted to create a website for my shop, which is called "Fioreca." It is a pipe cleaner/chenille stems flower bouquet that is also long-lasting. I choose this theme because I will be needing to create my own website in the future, so I just created it earlier than expected. Moreover, I will be needing it to widen my audience to make the business active and productive.

The concept of the website is to blend creativity and also widen the engagement to allows customers to see, customize and pick their bouquets based on their preferences. Most individuals have experience using a shopping website; the website itself is mostly aligned to what others have, ensuring that each customer is being valued and the products chosen by the customers are being shipped and delivered properly and correctly without being damaged.

1. **Interaction Overview**

* **Navigation Decisions:**
  + **Navigation Bars —** After opening the website, a nav bar can be seen in the header portion of the page and also in the footer. These nav bars are linked to the information that is needed to be seen depending on the category that was clicked.
  + **Search Bar —** The search bar's purpose is to help the user look up a specific topic or flower that they want to immediately see.
* **Control Mechanisms:**
  + **Interactive Buttons —** Buttons can be seen throughout the page, serving as a way of interacting with the user that will lead them to another site depending on the button that they have pressed.
  + **Clickable Sections —** All of the choices in the customization section are all clickable for user preferences.
  + **Feedback —** In the review section, the user has the free will to leave a comment on their purchased product for other users to view the rating of the shop.

1. **Technical Description:** A technical breakdown of how you created your project. Be sure to use correct terminology, remembering that this section evidences your understanding of the web development techniques used (300 words).
2. **Critical Reflection**

My reflection on this assessment is that it was fun but mostly stressful and challenging because, for example, I wanted to just align something to this section, and if I did change that in the CSS stylesheet, it would suddenly look very weird, making it a challenge.

I have made the color of the website in the colors of blue, white, and gold for a simple but unique vibe that looks suitable for a long-lasting flower shop. With the usage of having many interactive buttons, the user can check for themself the information and freely customize their bouquets based on the user's preferences.

I think everything could still be improved since some codes look complicated rather than using easier techniques that can make the website more interactive when visiting the shop. Moreover, I have also made more changes to the layout that I have created in Figma because I am having trouble making it work properly after coding. Furthermore, the different screen sizes should have also been included so that it's universal to all.

I think the web programming technique that I have to learn is Structured Query Language (SQL) for proper storage in data information of the shop, making the search button usable and not only in JavaScript or HTML and CSS. And also Hypertext Preprocessor (PHP) for form submissions.

I may have problems in some codes that I have created, but it was my choice in the beginning to choose this theme since I didn't know how hard it would be. Yet I still found myself enjoying myself as I'm searching for tutorials on how to code this and that for a functional and interactive website. In addition, I will also be needing it for my business, and having this as an assessment made it more earlier than expected.