**Website Documentation**

**Final Project for CS 156**

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**Introduction**

This document provides an overview of the design choices, HTML/CSS techniques, and special features I used in my website project, “What I Tried and Why I Moved On.” The website explores the hobbies I’ve pursued over the years, showing my experiences and reflections.

Each page is designed to be visually appealing, and accessible across different devices. It also includes interactive features such as video links, forms, and media, ensuring user engagement.

**Design Choices and Techniques**

**Home Page:**

* **Purpose:** Introduces the website, showcasing my hobbies and providing navigation to other pages.
* **HTML Concepts Used**:
  + Semantic elements: <header>, <main>, <section>, <footer>.
  + Navigation bar with <nav> and <ul> for structured links.
  + Responsive image (banner1.jpeg) using <image> with alt attributes for accessibility.
  + A ratings table implemented with <table>, <thead>, <tbody>, and <tr> tags.
* **CSS Concepts Used:** 
  + Grid layout for content cards (grid-template-columns).
  + Hover effects on cards and navigation links using (:hover).
  + Responsive design with media queries (@media) for various screen sizes.
  + Box shadows (box-shadow) and rounded corners (border-radius) for visual polish.

**Creative Page**

* **Purpose:** Details my creative hobbies such as: crochet, painting, and baking, with relevant media. ( I had some more but decided to not make it too complicated)
* **HTML Concepts Used**:
  + Two-column layout with <div> elements for media and information.
  + Video thumbnails linked to Youtube tutorials using <a> and <img> tags.
  + Descriptive <alt> attributes for all images.
* **CSS Concepts Used:** 
  + Flexbox for two-column layout (display: flex, justify-content: space-between).
  + Styling for video thumbnails, including hover effects.
  + Media queries to stack columns vertically on smaller screens.

**Musical Page**

* **Purpose:** Highlights my experiences with music, including piano and songwriting.
* **HTML Concepts Used:**
  + Embedded YouTube videos using <iframe> for tutorial links.
  + Structured content using <article> and <section>.
* **CSS Concepts Used:**
  + Hover effects for buttons and links (:hover).
  + Custom styling for <iframe> elements to fit seamlessly in the layout.
  + Media queries to ensure the content adjusts for small screens.

**Language Page**

* **Purpose:** Lists my experience trying to learn new languages like French, Japanese, and German.
* **HTML Concepts Used:**
  + A five-column layout for different languages, implemented using <div> elements.
  + <img> and <p> tags for language-related images and descriptions.
* **CSS Concepts Used:**
  + CSS Grid for organizing content into columns (grid-template-columns: repeat(5, 1fr)).
  + Adjustments for smaller devices using media queries (@media) to stack content vertically.

**Anime & Kpop Page**

* **Purpose:** Shares my experiences involving anime and kpop, including shows and music groups.
* **HTML Concepts Used:**
  + Video thumbnail of one of my favorite Kpop groups, linked with <a> and styled with <figure> and <figcaption>.
  + Organized content sections using <div> and <section>.
* CSS Concepts Used:
  + Two-column layout with Flexbox.
  + Styling for video thumbnails with hover effects.
  + Responsive adjustments for stacking columns vertically on smaller screens.

**Tech Page**

* **Purpose:** Shares my experience with gaming and technology.
* **HTML Concepts Used:**
  + Flexbox for layout and alignment.
  + Responsive scaling for videos and text using media queries.

**Random Page**

* **Purpose:** Lists the hobbies and experiments that don’t fit in any category I mentioned before.
* **HTML Concepts Used:**
  + Two-column layout for content and media.
  + Embedded video thumbnails using <figure> and <figcaption>.
* **CSS Concepts Used:**
  + Responsive scaling for images and text.
  + Hover effects for interactivity.

**Recommendations Page**

* **Purpose:** Collects user information to provide personalized hobby recommendations.
* **HTML Concepts Used:**
  + <form> with <input>, <textarea>, and <select> for user interaction.
  + Validation using required attributes.
* **CSS Concepts Used:** 
  + Centered form styling with padding and borders.
  + Responsive adjustments for form layout on smaller screens.

**Special Design Features**

1. **Responsive Design:**
   1. Implemented across all pages using media queries.
   2. Adjusts layouts (from 2 columns to stacked) for smaller screens.
   3. Reduces font sizes and padding for readability on mobile devices.
2. Interactive elements:
   1. Video thumbnails with hover effects link to YoutTube tutorials.
   2. The recommendations form collects user input and includes validation.
3. Custom Styling:
   1. Consistent color scheme across the website.
   2. Rounded corners and shadows for modern design aesthetics.

**Responsive Design Overview**

* **Devices Supported:**
  + Desktops, laptops, tablets, and mobile devices.
* Adjustments made:
  + Navigation tabs wrap or stack vertically on smaller devices.
  + Two-column layouts stack content vertically for readability.
  + Font sizes and padding adjust dynamically for optimal presentation.

**Conclusion**

This website shares my journey through various hobbies, presenting them in an engaging, accessible, and visually appealing way. The site is meant to adapt to different devices and provide an enjoyable user experience. It’s also important to mention that my opinions stated in the website are MY experiences and that other people might have a different perspective.