

Task 1

When working, we need to pay attention to UI/UX principles as below

1. User-Centric Design:

User Research: Understand your target audience, their behaviors, preferences, and needs to tailor the website accordingly.

User Personas: Create user personas to guide design decisions and ensure the site meets diverse user needs.

2. Responsive Design Principles:

Mobile-First Approach: Start designing for mobile screens and progressively enhance for larger screens. This ensures a focused and streamlined experience.

Fluid Grids and Flexible Layouts: Use grids and layouts that adapt fluidly to different screen sizes and orientations.

3. Navigation and Accessibility:

Clear Navigation: Create intuitive and easy-to-use navigation menus, especially on smaller screens. Use hamburger menus or other collapsible options.

Accessibility: Ensure your site is accessible to everyone by adhering to WCAG (Web Content Accessibility Guidelines), including features like alt text for images and keyboard navigation.

4. Content Presentation:

Content Prioritization: Emphasize important content and functionalities for mobile users, keeping the focus on key information.

Consistent Branding: Maintain consistent branding elements across all devices for a unified experience.

5. Performance and Speed Optimization:

Optimized Images and Media: Compress images and optimize multimedia content for faster loading times.

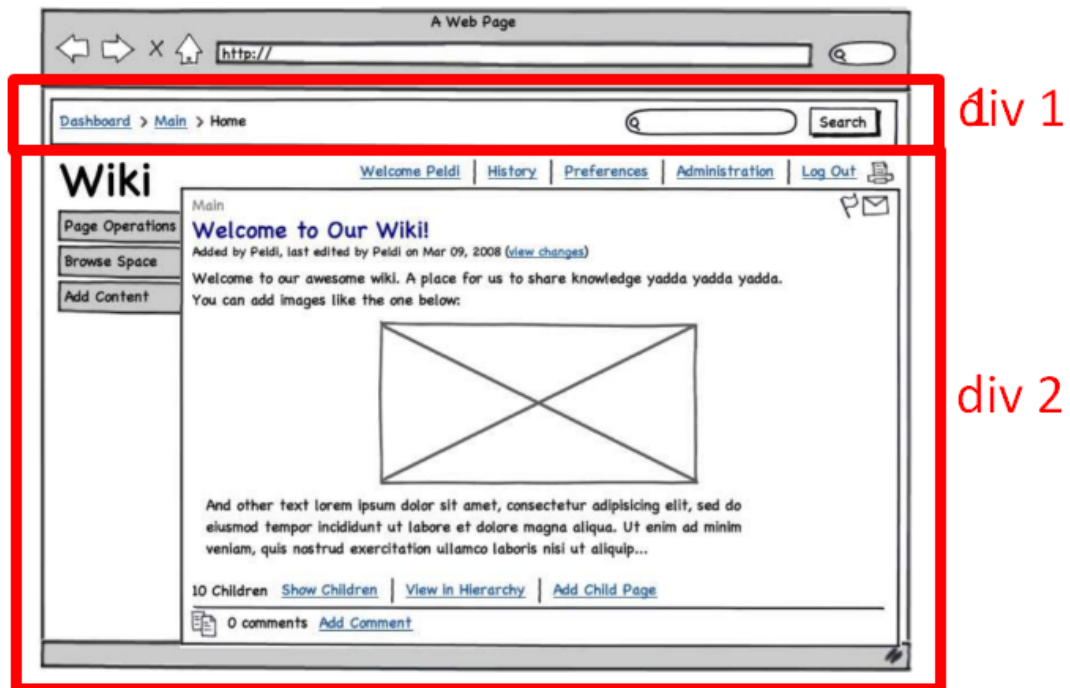
Minimize HTTP Requests: Reduce server requests, use browser caching, and minimize code to improve site speed.

6. Testing and Iteration:

Cross-Device Testing: Test the website across various devices, browsers, and screen sizes to ensure consistency and functionality.

Usability Testing: Conduct usability testing with real users to identify pain points and areas for improvement.

****In this scenario, for example,** I broke it into two primary components by utilizing div tags to simply divide the layout.



Task 2

1. Div1 - If the site is mobile-friendly, I'll turn the menus into Navbar icons that visitors may click to access and operate.
2. Div2 - I'll divide this into three sections: menu, left content, and right content.
 - + The menu will be transformed into a navbar icon with the content.
 - + Left content
 - + Right content