**What are the general steps in developing a Website?**

* The critical stages of the website development process are:
  1. Information Gathering
  2. Planning
  3. Design
  4. Content Writing and Assembly
  5. Coding
  6. Testing, Review, and Launch
  7. Maintenance

**What is a sitemap used in website planning?** **Give an example.** (Your sitemap could be simple, but you must make your picture. You **cannot**use any sitemap downloaded from the web.)

* A sitemap visualizes the website's structure and navigation, focusing on the relationships between pages rather than the design elements.A diagram of a diagram

  Description automatically generated

**What is the difference between UI design and UX design?**

* UX design focuses on the overall user journey and experience. It involves research, strategy, and design to create accessible, efficient, pleasant experiences. On the other hand, UI design focuses on a product's visual and interactive elements. It involves typography, color palettes, and animations, aiming to create visually appealing and functional interfaces.

**What is wireframing in a website design? Again, make an example using software like Figma or Adobe XD or pencil and paper (you can then take a picture and integrate it into your Word document.)**

* A wireframe is an essential visual guide to the layout of a webpage without design elements. It represents the interface elements and their placement without aesthetics, like a quick sketch drawn before adding color and depth to a picture.A colorful squares with text

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**What are the steps in Web design?**

1. Identify the Problem
2. Define Goals
3. Gather Information
4. Brainstorm Solutions
5. Create Wireframes
6. Design Visual Elements
7. Develop the Site
8. Test the Site
9. Launch the Site
10. Post-Launch Review

**Some resources give the top UX design trends in 2024. Different people may give you a different list of top design trends. In your opinion, what are the top 5 UX design trends in 2024? Briefly justify each item in your list using 1 or 2 sentences.**

* *Data Visualization* is crucial as the world becomes more diverse. People process information differently, so visual representation is essential.
* *Dark Mode* is crucial because only some people want or can work in a well-lighted room. Additionally, people with eye conditions benefit from having the option of turning on dark mode.
* *AI-Driven Content* is on the rise due to its ease of use and convenience, especially for the technologically challenged or those who are not very creative.
* *The Metaverse* provides unique experiences that blur the lines between reality and virtual. This field has a lot of room to grow, and as such, it will continue to provide better and more unique experiences for users as the industry grows.
* *Responsive Design* is a must. With so many ways to connect to the internet, the various screen sizes increase. Furthermore, added features like screen sharing, which allows users to send websites from their phone or laptop to their TV, only increase this need further.