



## Web Design

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## Fundamentals of Web and Dreamweaver

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## Workspace Features and Web Browsers

### Web Browsers

Browsers like **Chrome, Firefox, and Edge** are applications used to view and interact with websites.

They render or display web pages built using **HTML and CSS**.

### Workspaces (e.g., Dreamweaver)

Workspaces like **Adobe Dreamweaver** offer tools and organized environments for web developers. Features include:

**Panels:** Tools to manage files, assets, and properties.

**Views:** Options like design, code, or split-view to edit visually or through code.

**Editors:** Built-in editors that support HTML, CSS, and JavaScript for efficient coding.



## Mobile Design and Development

- Modern websites must be designed for all devices (**responsive and mobile-friendly**).
- Techniques used include:
  - **Media Queries:** CSS features that apply specific styles based on screen size or device type.
  - **Flexible Layouts:** Design techniques that adapt content smoothly across different devices and screen resolutions.



## Text Editors

- Used for writing and editing HTML/CSS code.
- Examples: Notepad++, Visual Studio Code.

## Web Design Tools

- Tools like Figma, Adobe XD for layout; Dreamweaver and Visual Studio Code for coding.
- Help design, prototype, and develop responsive websites.



## Dreamweaver

- Dreamweaver is a popular **web development application** used for designing, coding, and managing websites and web applications.

- **Main Features:**

- **Visual and Code Editing:** Offers a visual design interface as well as direct code editing for HTML, CSS, and JavaScript.
- **Live Preview:** Real-time previews show how web pages look as you build or edit them.
- **Workspace Panels:** Organized panels for managing files, properties, CSS styles, and assets.
- **Responsive Design:** Built-in tools to create responsive, mobile-friendly websites easily using features like media queries.
- **Site Management:** Helps organize and manage entire websites, allowing easy uploading via built-in FTP functionality.

- **Who uses Dreamweaver?**

- Web designers and developers, especially beginners and students, to create professional-quality websites efficiently



## Information Architecture (IA)

### Definition:

Information Architecture is the process of **organizing, structuring, and labeling content** in a clear and logical way so that users can easily find the information they need on a website.

### Purpose:

- Helps users navigate the site efficiently.
- Improves the overall user experience (UX).
- Supports better content flow and hierarchy.

### Example:

Creating a navigation menu with sections like "Home", "About Us", "Services", and "Contact" to logically group related information.



## Define UX in Web Design

**UX (User Experience)** in web design refers to the **overall experience** a user has while interacting with a website. It includes how easy, intuitive, and enjoyable the site is to use.

### Good UX Design:

- Is user-centered
- Ensures fast loading and responsiveness
- Provides clear navigation
- Uses readable fonts and pleasing visuals
- Focuses on accessibility for all users

### In short:

UX design aims to **satisfy users' needs** and **make their journey smooth and efficient** when they visit a website.





# THANK YOU

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