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Web Design

Rajani S

Department of Computer Applications

Web Design

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.



Web Design Essentials of WEB



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.



Web Design Essentials of WEB



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



Web Design Essentials of WEB



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.



Web Design Essentials of WEB



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.



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THANK YOU

Rajani S

Department of Computer Applications

rajanis@pes.edu