Wireframing

Website wireframing allows you to plan the layout of your website.

It is the process of making design decisions before they are implemented.

Wireframing can range from a simple skeletal framework to a detailed mockup of each page.

Spending time planning your site makes coding easier.
Introduction to Web Design & Computer Principles
CSCI-UA 4

Web Page Layout
Design and Code
Wireframing
And Prototyping

Here is an approach to wireframing that can be adapted to a variety of design projects.

- Think
- Design
- Implement
- Revise

This sequence can be looped through as necessary.
Wireframing

Site Map
Elements in HTML are primarily “inline” or “block” elements.

• An inline element allows content to flow around its left and right sides.

• A block element fills the entire line and nothing is displayed on its left or right side.

The CSS display property allows you to specify the type of box used for an HTML element.
There are several ways to design the layout of a web page with CSS.

- CSS float property
- CSS positioning
- CSS flexible box
- CSS grid
Page Layout

CSS Float Property

The CSS `float` property allows you to position block elements inline.

This means that any element, block or inline, can be positioned alongside another element.

The CSS `float` property is one of the main techniques of web page layout.
Page Layout

CSS Positioning

The CSS position property specifies the type of positioning used for an element on a page.

- **static**: Elements are rendered in order, as they appear in the document flow (this is the default)
- **absolute**: Element is positioned relative to its first positioned (not static) parent element
- **fixed**: Element is positioned relative to the browser window
- **relative**: Element is positioned relative to its normal position
Page Layout

CSS Flexible Box

Use the CSS Flexible Box Layout Module (Flexbox) for arranging items along one axis.

Flexbox consists of flexible containers and flexible items within.

A flex container expands items to fill available free space or shrinks them to prevent overflow.

In practice, flexbox can accommodate different screen sizes and different display devices more easily than the CSS float property.
Web pages are often laid out using grid systems.

CSS grids are intended to make this process more intuitive by defining a grid and then specifying where content should be placed within it.

Use the CSS Grid Layout Module for the overall page structure.