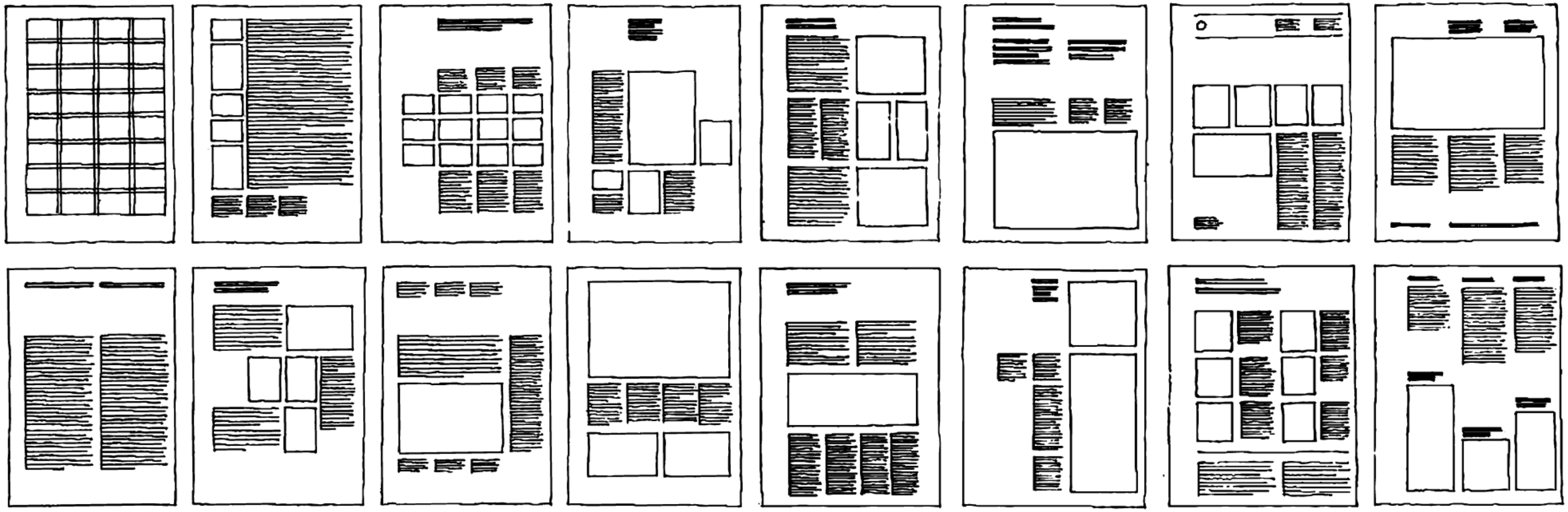
Introduction to Web Design

Web Page Layout



Introduction to Web Design

Wireframing

Web Page Layout

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.

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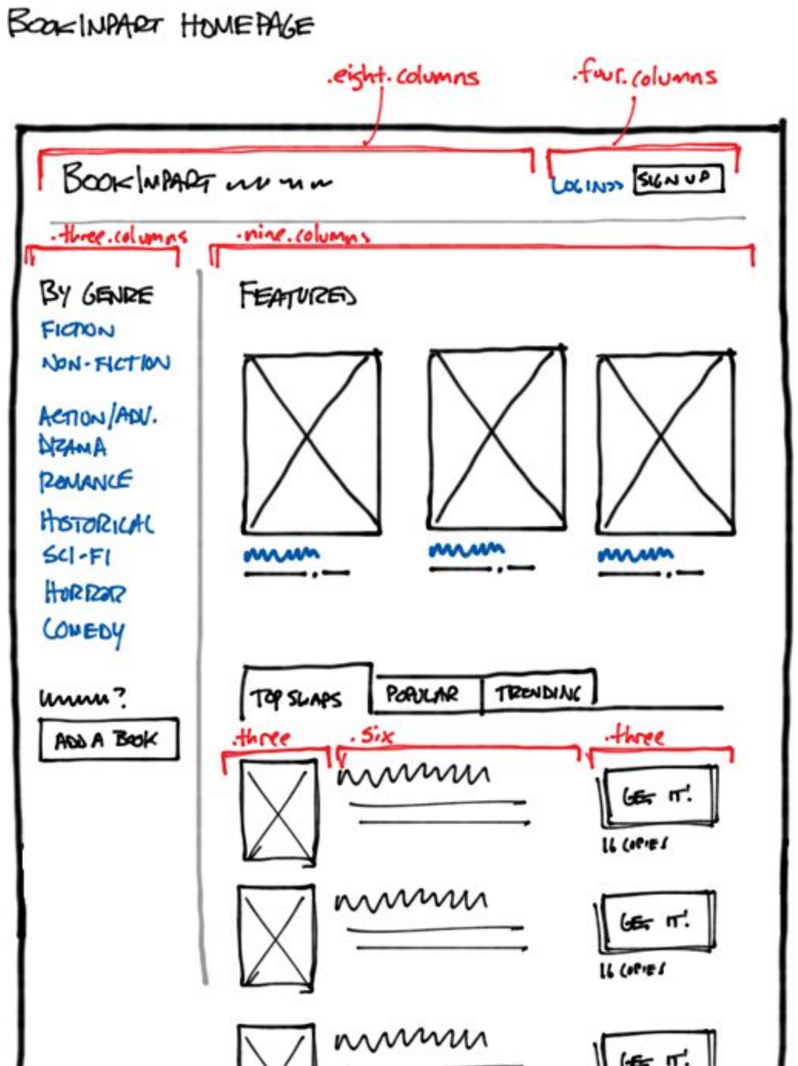
Web Page Layout



https://www.figma.com

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Wireframing and Prototyping

Web Page Layout

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.

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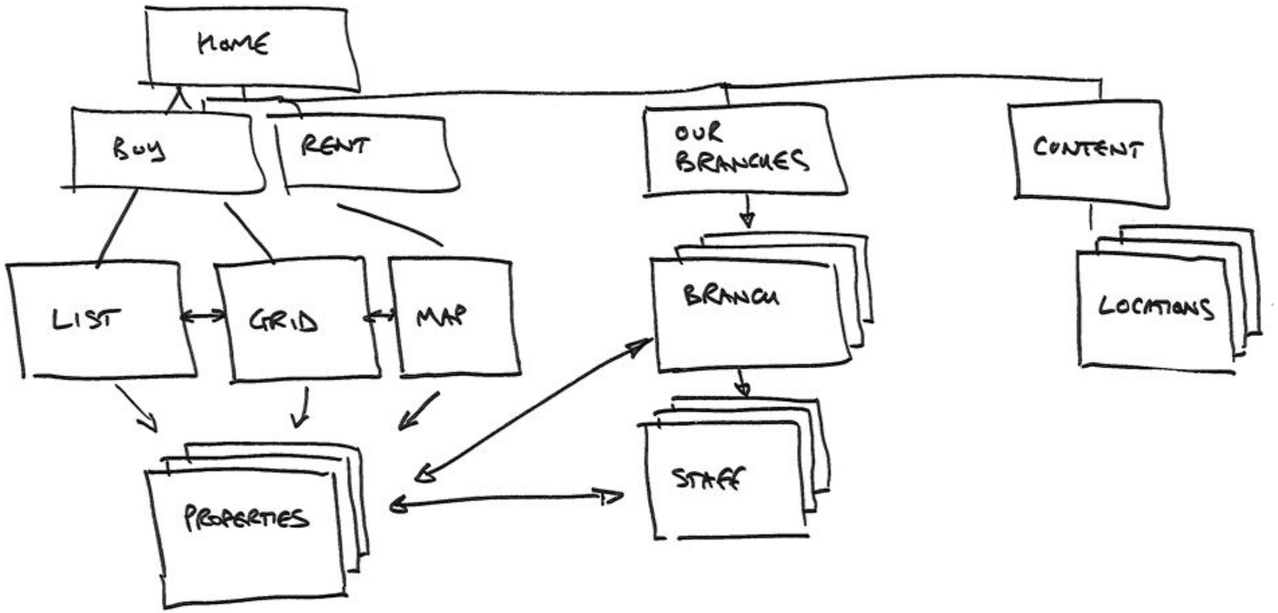
Web Page Layout

Site Map



https://octopus.do/

Page Layout

Web Page Layout

There are several ways to design the layout of a web page with CSS.

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

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CSS Float Property

Web Page Layout

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 an outmoded technique of web page layout

https://i6.cims.nyu.edu/~mr6465/web_design/nyc/

Introduction to Web Design

CSS Positioning

https://i6.cims.nyu.edu/~mr6465/web_design/layout/css-positioning.html

Web Page Layout

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

static
Default document flow

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

sticky
Positioned based on the user's scroll position

CSS Flexible Box

Web Page Layout

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.

https://i6.cims.nyu.edu/~mr6465/web_design/layout/airports-main-2/

Introduction to Web Design

CSS Grid

Web Page Layout

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.

The CSS Grid Layout Module can be used for the overall structure of a page.

https://i6.cims.nyu.edu/~mr6465/web_design/layout/seasons2/