Wireframes & Layout
Wireframes

An image or set of images which displays the functional elements of a website or page, used for planning a site's structure and functionality.
COMPANY X

ABOUT SERVICES WORK NEWS CONTACT

(SPOTLIGHT ANIMATION)

About Us
Lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galaxy of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Latest Project: Lorem Ipsum
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Read Case Study

Annotations:
1. The “Spotlight Animation” will contain Client testimonials of Company X.
2. The Headline for “Latest Project” posting will appear here.
3. An excerpt of text from the “Latest Project” posting will appear here.
4. An excerpt image from the “Latest Project” posting will appear here.
5. This will link directly to the single posting for the “Latest Project.”
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Mockups

A realistic representation of what the website will look like. The final result may look exactly like the mockup, or may have slight variations.
Useful Tools

- http://generator.lorem-ipsum.info/
- https://color.adobe.com/create/color-wheel/
- https://fonts.google.com/
- http://awesome-fontstacks.com/
- https://wireframe.cc/
- https://www.sketchapp.com
CSS Units
Absolute: Pixels

p {
    font-size: 12px;
    width: 400px;
}

Relative: Percentages

p {  
  font-size: 12px;  
  width: 50%;  
}

Relative: \texttt{em}

```
p  {
    font-size: 12px;
    width: 5em;
}
```
The Box Model

Every element on a page is a rectangular box.
Every box element may have width, height, padding, border, and margins.

```css
div {
  width: 400px;
  height: 100px;
  padding: 20px;
  border: 6px solid #949599;
  margin: 20px;
}
```
The box model is additive.

Total element width

\[ = 400 + 2 \times 20 + 2 \times 6 + 2 \times 20 \]

\[ = 496 \text{px} \]
width and height

p  {
    width: 200px;
    height: 400px;
}

margin and padding

p {
    margin: 20px;
    height: 400px;
}

Margin / padding declarations

```css
p {
    margin: 20px;
}
```
Margin / padding declarations

```html
p {
    margin: 20px 50px;
}
```
Margin / padding declarations

```css
p {
    margin: 20px 50px 10px 100px;
}
```
Margin / padding declarations

```css
p {
    margin-top: 50px;
    margin-left: 10px;
}
```
Page Flow
block-level vs inline-level
display property

p {
    display: block;
}

display property

p {
    display: inline;
}

display property

p {
    display: none;
}

Positioning Content
The Grid System

Header .small-12.columns

Main Content .large-8.columns

Sidebar .large-4.columns
the float property

p {
    float: right;
}

Absolute Positioning

p {
  position: absolute;
  top: 10px;
  right: 50px;
}
Relative Positioning

```css
p {
    position: relative;
    top: 10px;
    right: 50px;
}
```