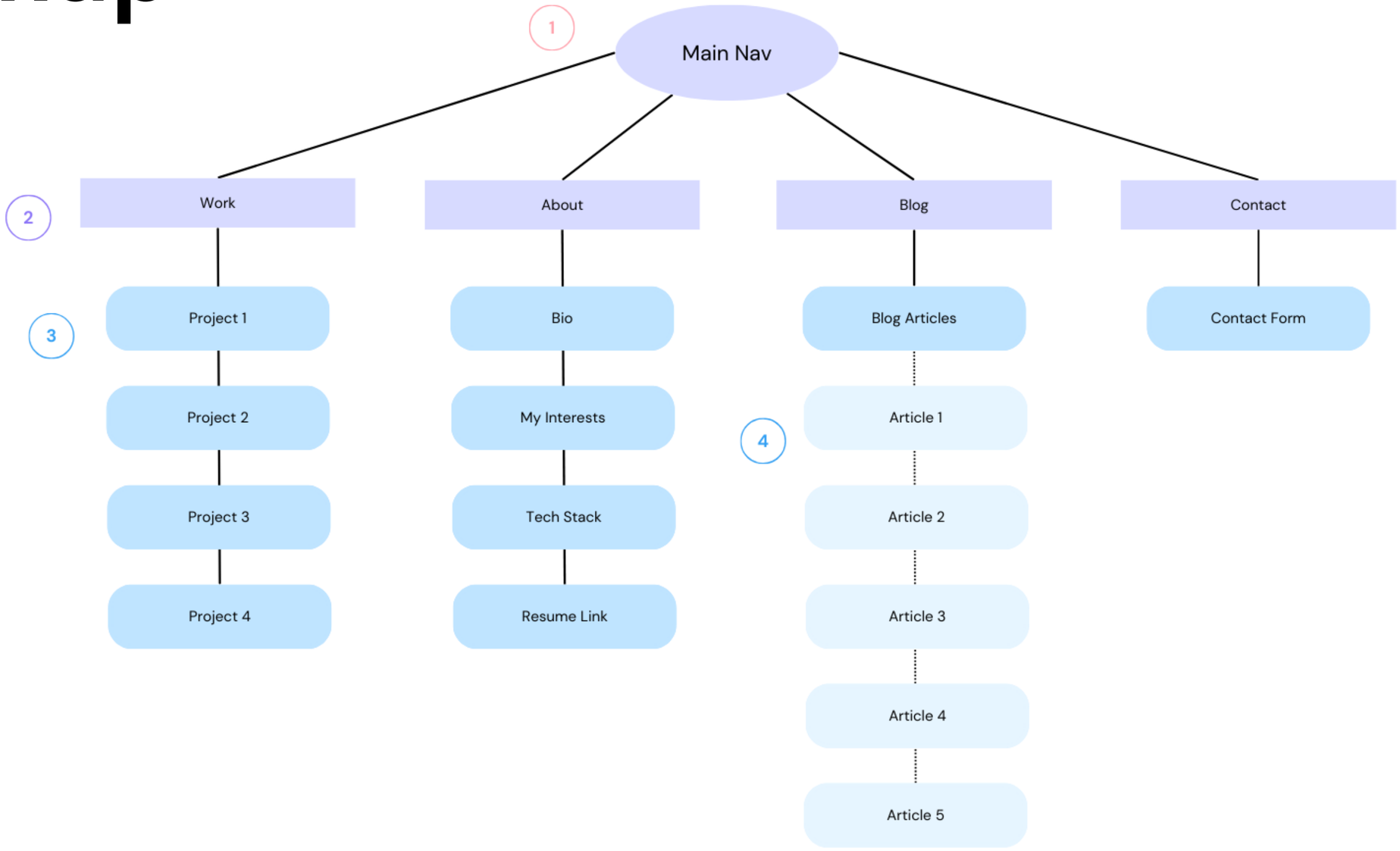
T1A1 Portfolio

Presenter: Andy Chang

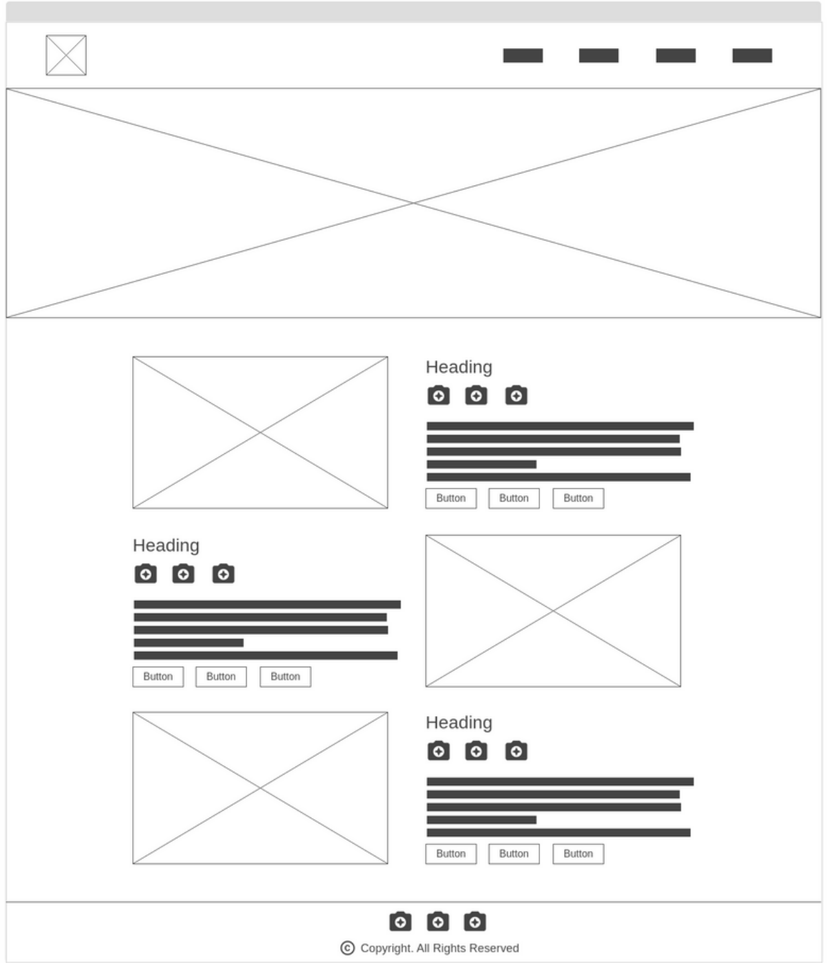
Pages

- Work
- About
- Contact
- Blog
- Article x 5

Sitemap


1
Main Nav
2
Work
About
Blog
Contact
3
Project 1
Project 2
Project 3
Project 4
Bio
My Interests
Tech Stack
Resume Link
Blog Articles
4
Article 1
Article 2
Article 3
Article 4
Article 5
Contact Form

Work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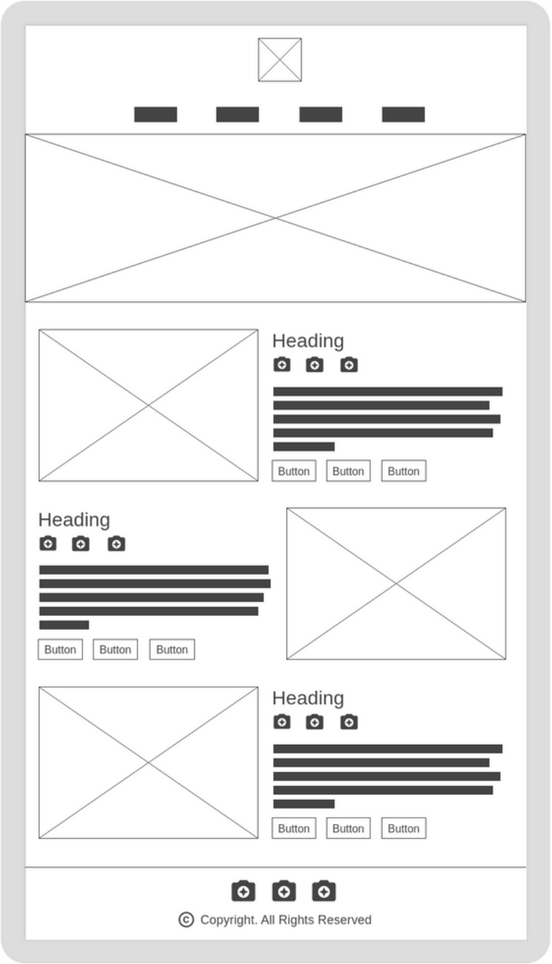
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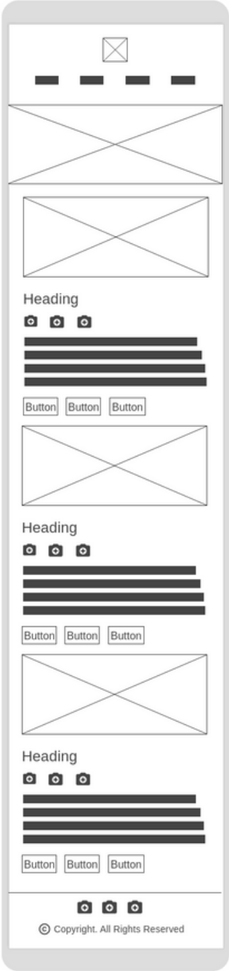
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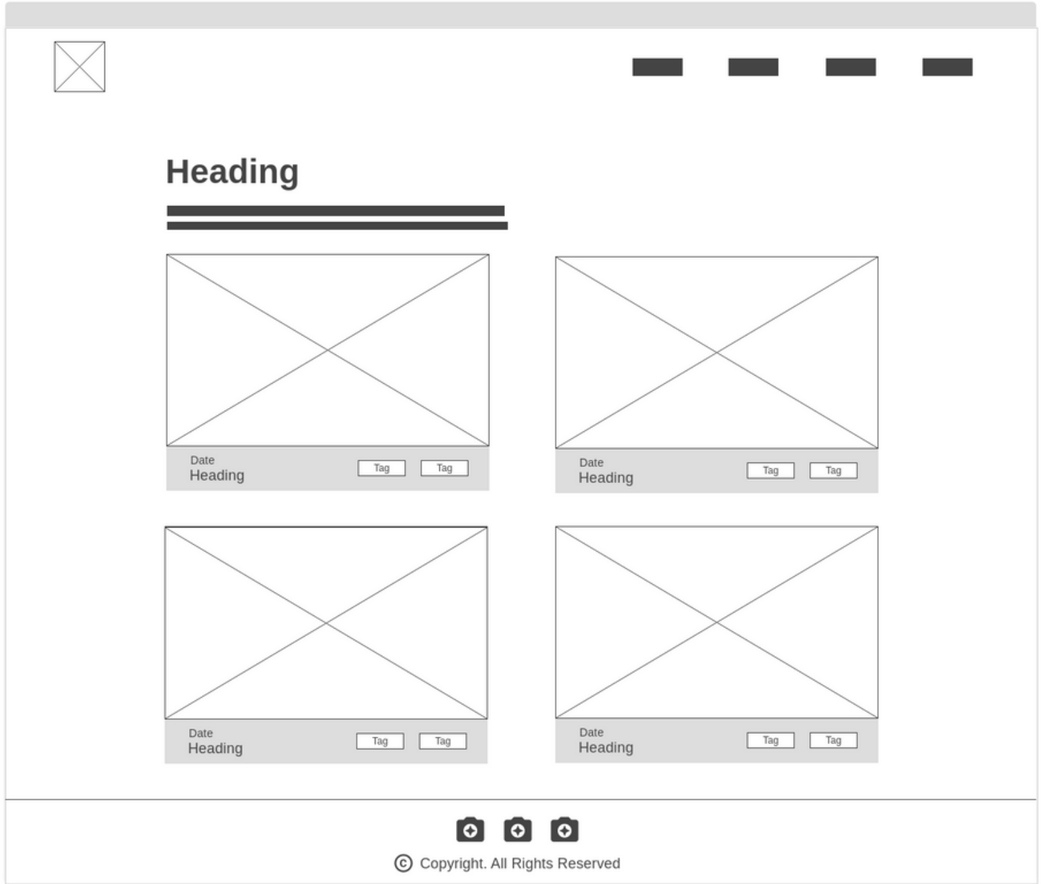
Blog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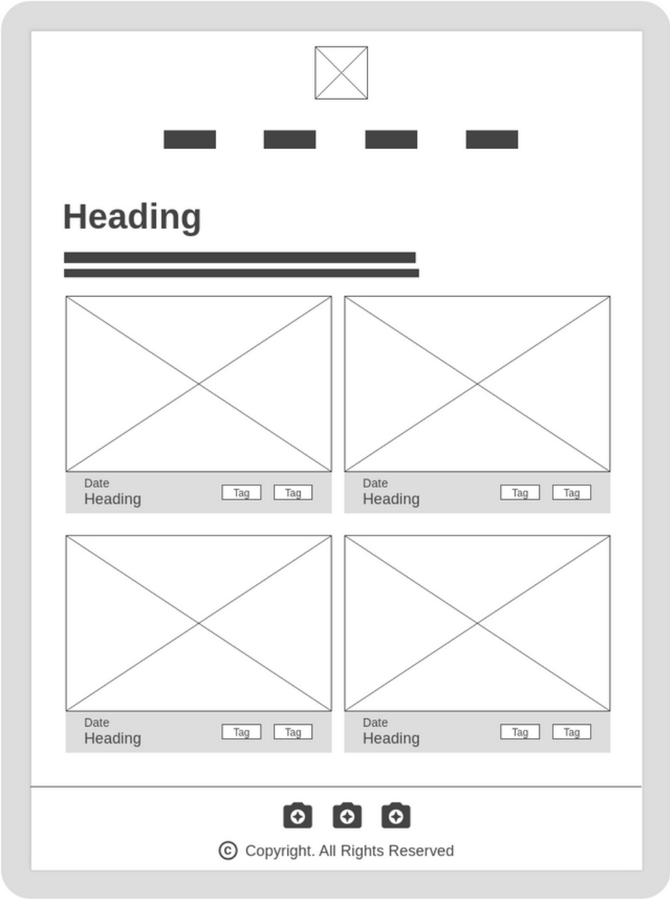
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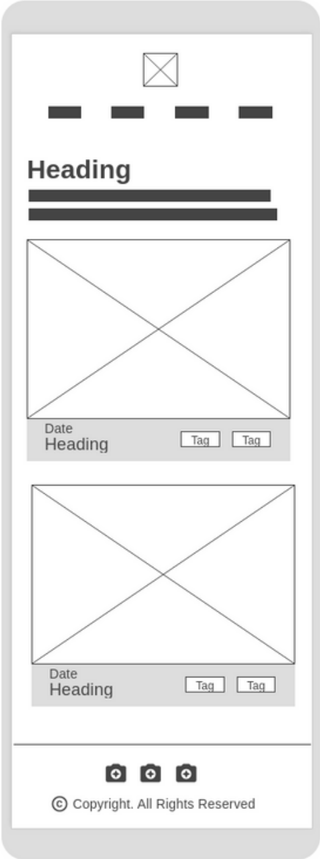
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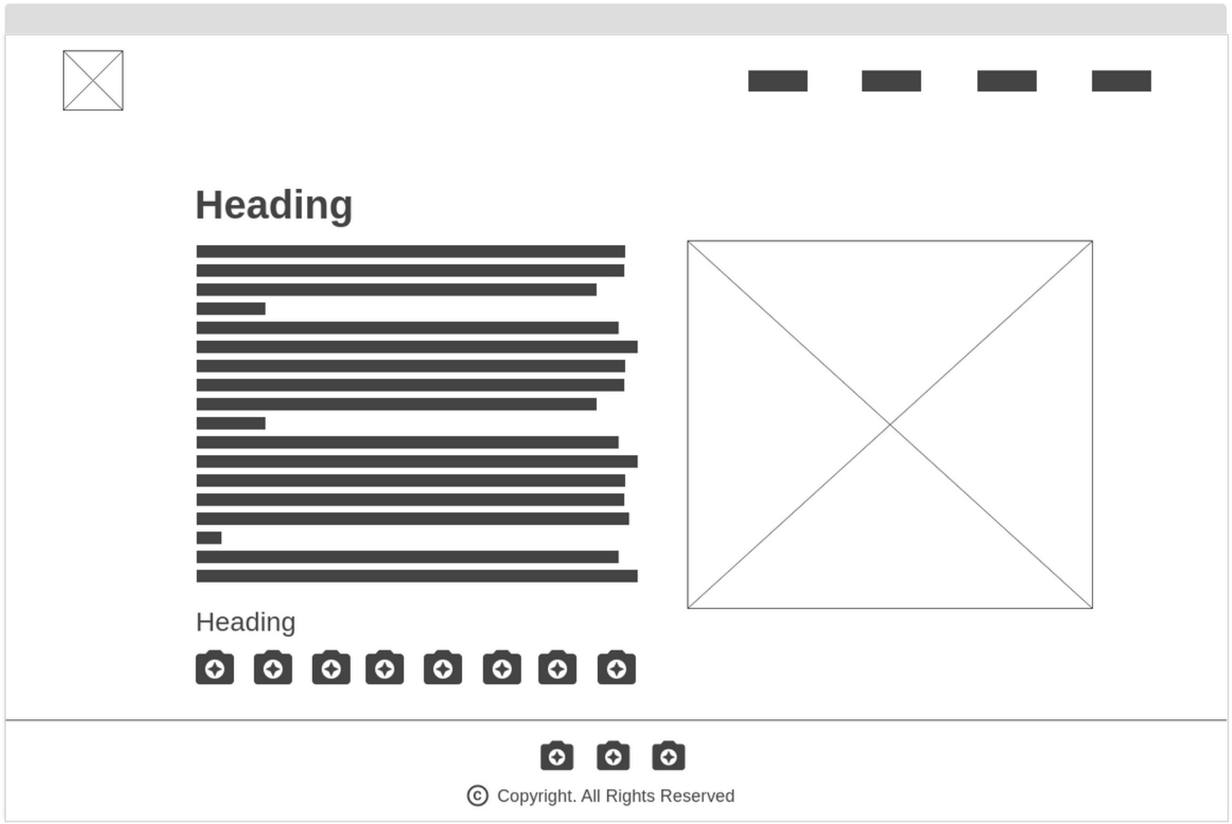
About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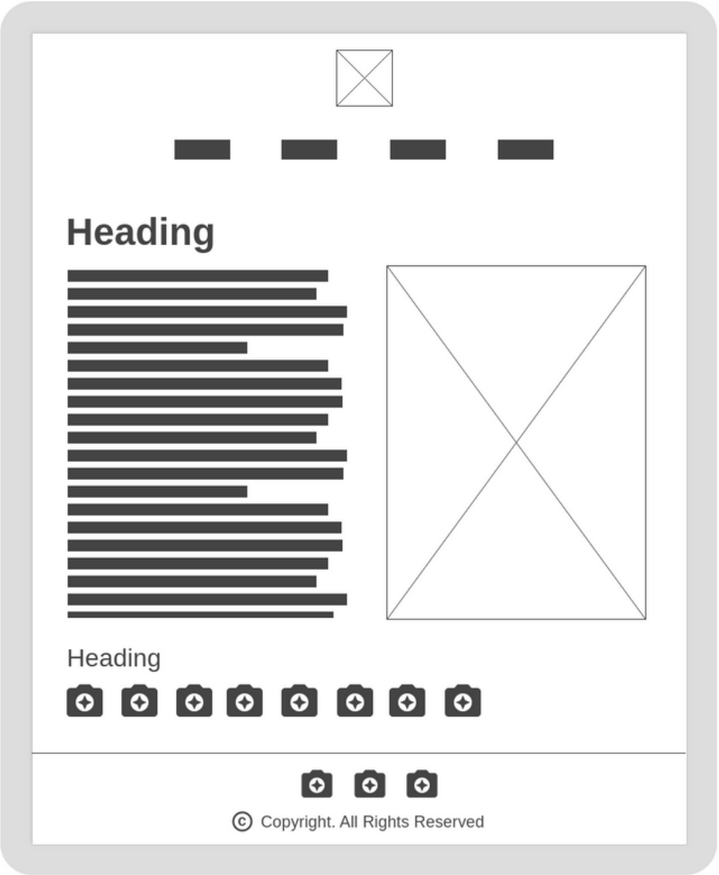
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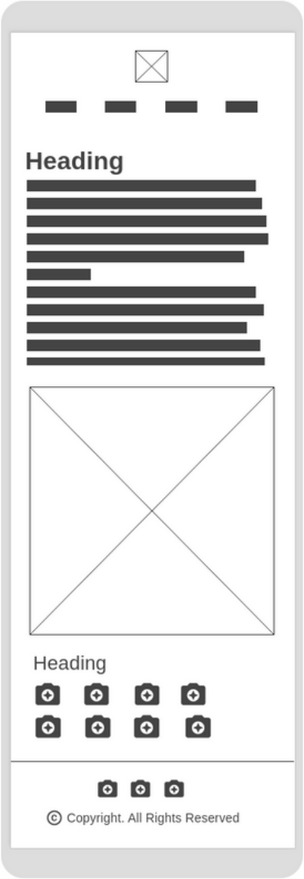
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Contact

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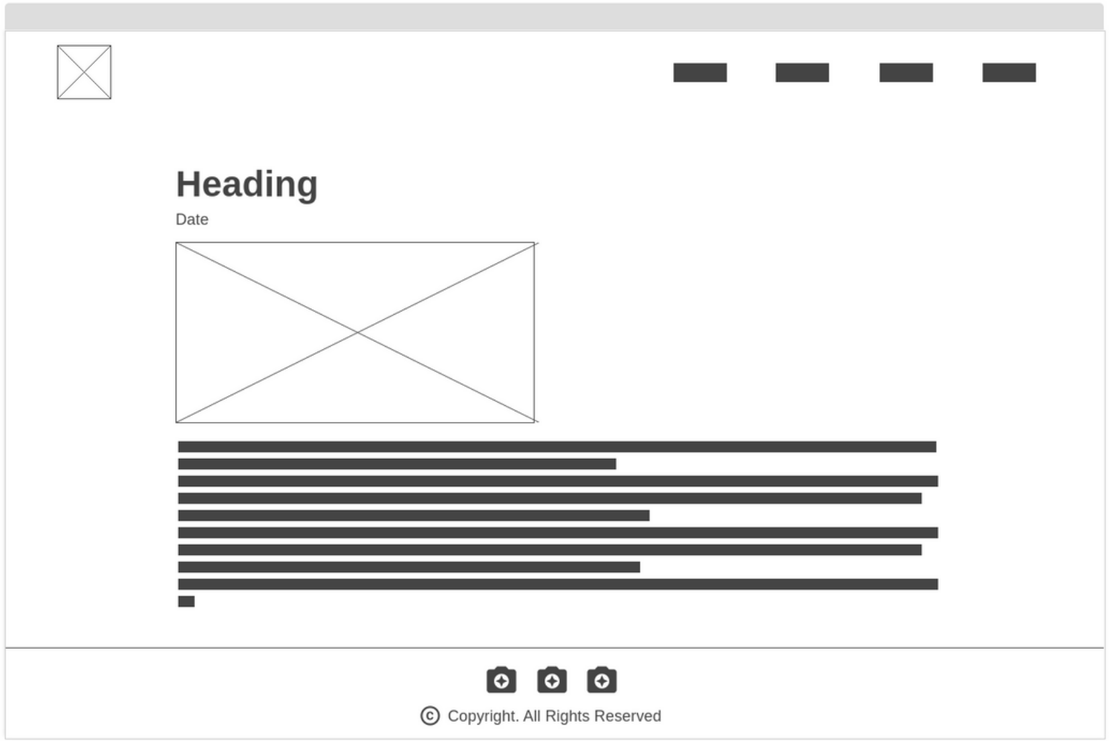
Articles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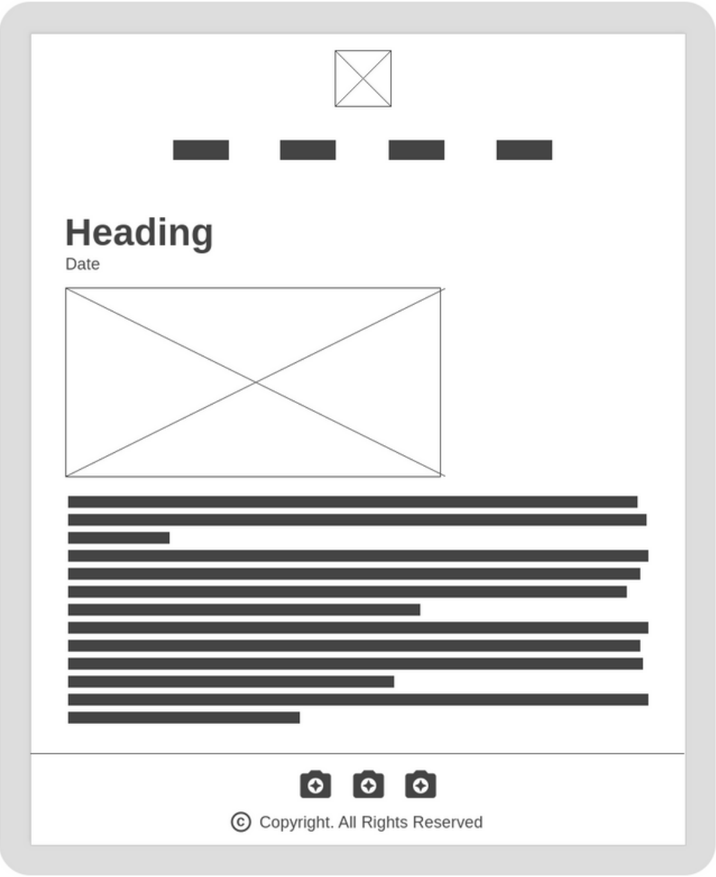
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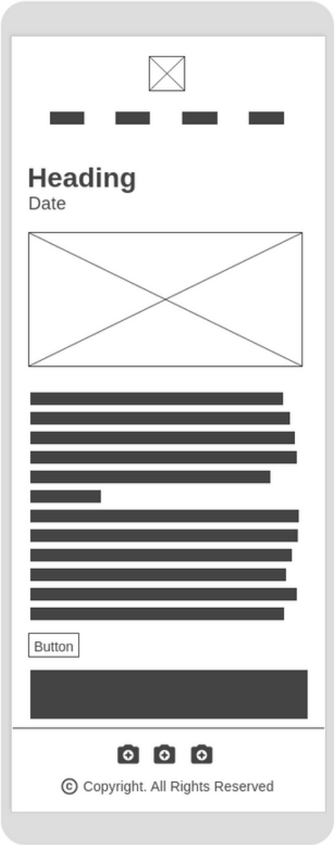
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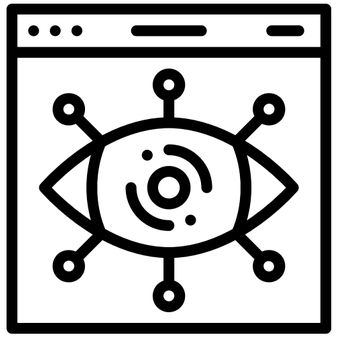
Components

Textual Components

- Hero
- Buttons
- Form
- Content



Graphical Components

- Nav Bar
- Icons
- Cards
- Tiles

Hero

😄 Hey, my name is Andy!

I'm a Developer

:hover

WORK BLOG ABOUT CONTACT

WORK BLOG ABOUT CONTACT

WORK BLOG ABOUT CONTACT

:hover

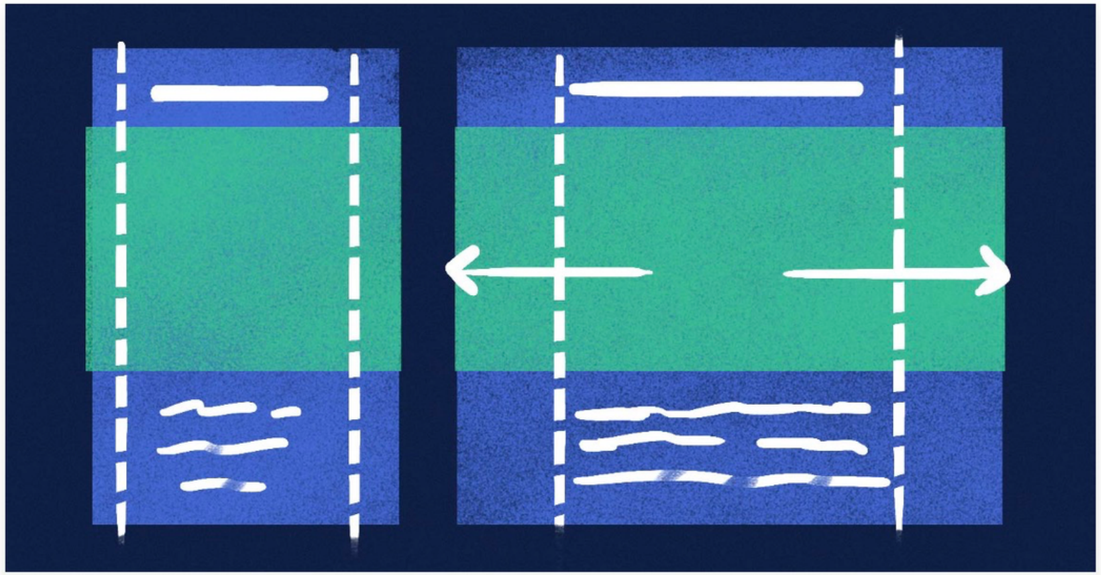
.live

.github

.case-study

.github

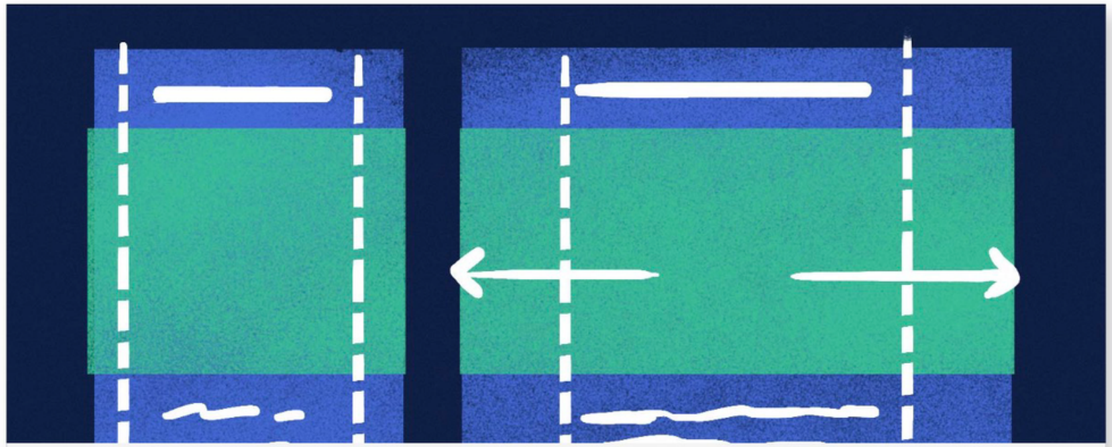
Card



November 05, 2023

SMOL Breakout CSS Grid

CSS Grid | Layout



November 05, 2023

SMOL Breakout CSS Grid

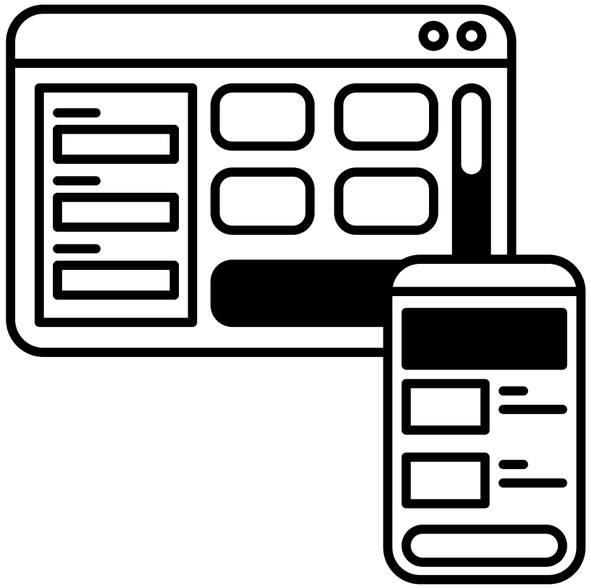
CSS Grid | Layout

Unleash the power of SMOL Breakout CSS Grid – a compact solution delivering big impact for streamlined web layouts.

Icons

Layout Components

- Media-query
- SMOL Breakout CSS Grid



Media-query

```sass
@mixin media-query($key) {
  $size: map-get($breakpoints, $key);

  @media only screen and (min-width: $size) {
    @content;
  }
}
```

```sass
$breakpoints: (
    "xsmall": 0, /* Phone Potrait */
    "small": 576px, /* Phone Landscape */
    "medium": 768px, /* Tablet Potrait */
    "large": 992px, /* Tablet Landscape */
    "xlarge": 1200px, /* Laptop */
    "xxlarge": 1600px, /* Desktop */
);
```

```sass
@include media-query (large) {
  .example {
    border: 1px solid red;
  }
}
```

SMOL CSS Breakout Grid

```
.content-grid {
  --padding-inline: 2rem;
  --content-max-width:  75rem;
  --breakout-max-width: 85rem;
  --breakout-size: calc((var(--breakout-max-width) - var(--content-max-width)) / 2);

  display: grid;
  grid-template-columns:
    [full-width-start] minmax(var(--padding-inline), 1fr)
    [breakout-start] minmax(0, var(--breakout-size))
    [content-start] min(100% - (var(--padding-inline) * 2),var(--content-max-width))[content-end]
    minmax(0, var(--breakout-size)) [breakout-end]
    minmax(var(--padding-inline), 1fr) [full-width-end];
}

.content-grid > * {
  grid-column: content;
}
.content-grid > .breakout {
  grid-column: breakout;
}
.content-grid > .full-width {
  grid-column: full-width;
}
```

```
Elements  Console  Sources  Network  Performanc
<html lang="en">
  ▶ <head>…</head>
  ▼ <body> grid
    ▼ <header class="content-grid"> grid
      ▶ <div class="primary-nav breakout">…</div> flex
      ▶ <div class="hero">…</div>
      </header>
    ▼ <main class="content-grid"> grid
      ▼ <section class="tile__container">
        ▶ <article class="tile">…</article> grid
        ▶ <article class="tile">…</article> grid
        ▶ <article class="tile">…</article> grid
        ▶ <article class="tile">…</article> grid
        </section>
      </main>
    ▼ <footer class="content-grid"> grid
  ••• ▶ <div class="footer__container breakout">…</div> flex
      </footer>
    </body>
  </html>
```

https://smolcss.dev

Minimalist Design

Colour Scheme

Primary__Color: DeepSkyBlue;
Secondary__Color: LightCoral;

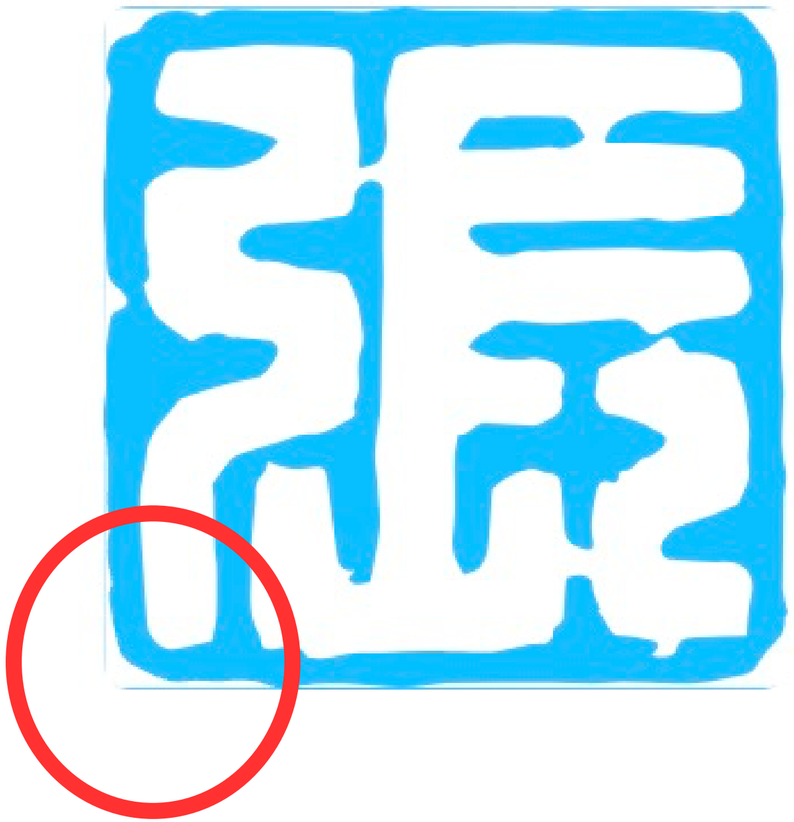
Crimson

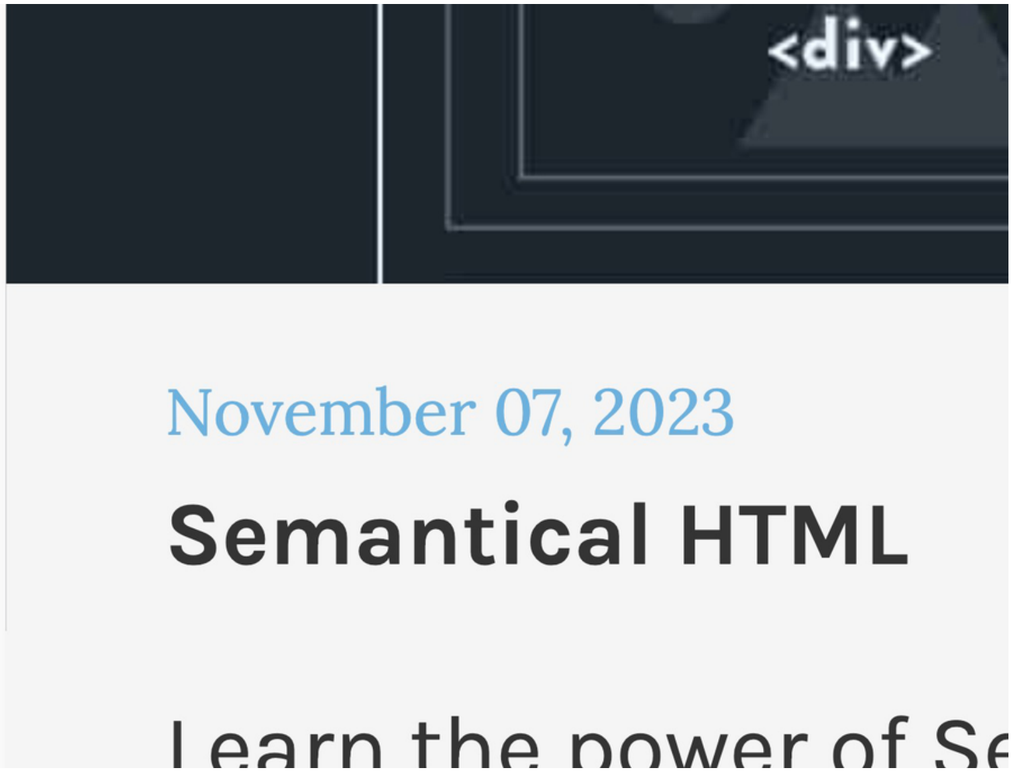
The brown fox jumped over the lazy dog

Quattrocento

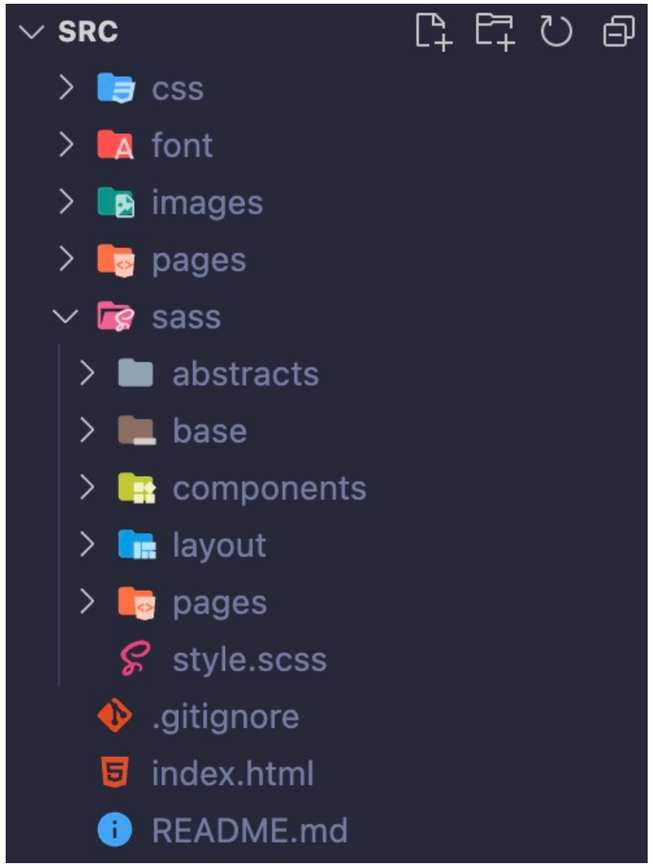
The brown fox jumped over the lazy dog

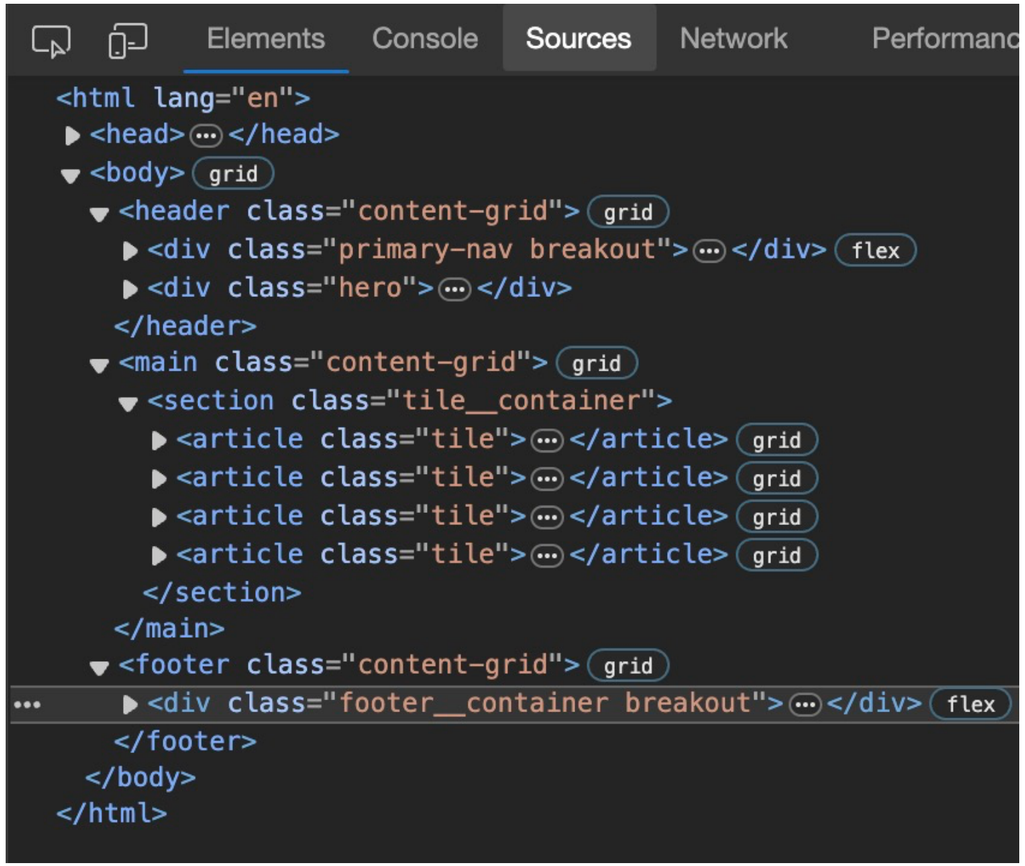
Challenges





Favourite Parts





Ethical Issues

- Accessibility
- Content Accuracy and Authenticity

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Thank You

Presenter: Andy Chang

www.andychang.dev