Progress on rncode

https://rncode.herokuapp.com/

General Approach

- Focusing on mobile-first
- Minimal engaging design for primarily textual content
- Some 'sprinkles' (animations + JavaScript)
- Not going overboard with features – just focusing on implementing those that are necessary at this stage as well as I can (to demonstrate my skills)
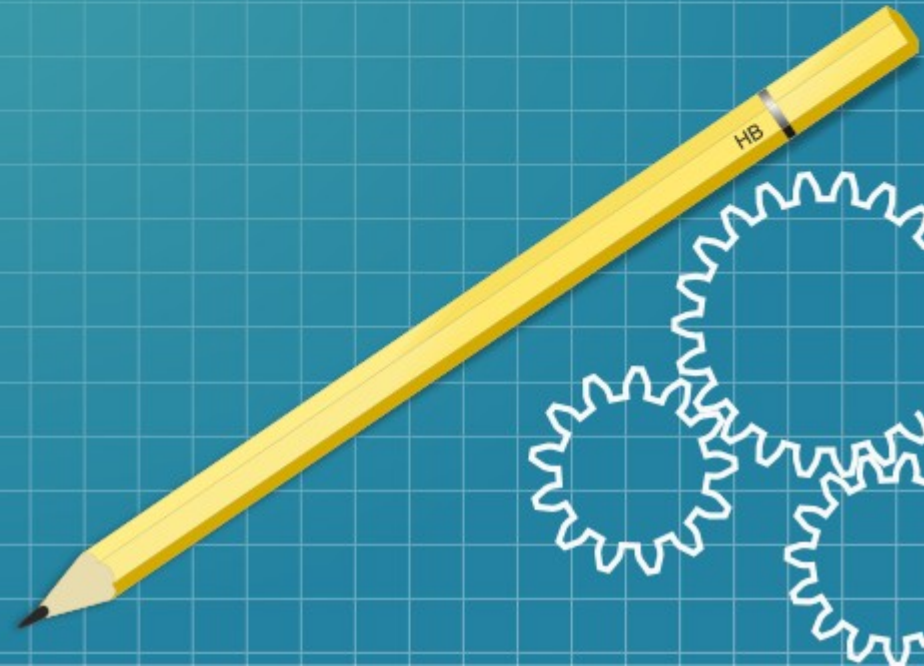
Site Map

- Simple and logically organised site structure

- Easy navigation – links to the home page, /about, /blog, and /contact will be present in the header and footer navs on all pages

- Standard URLs

- Each blog post will contain a link to /blog (the blog index) at the end of its content
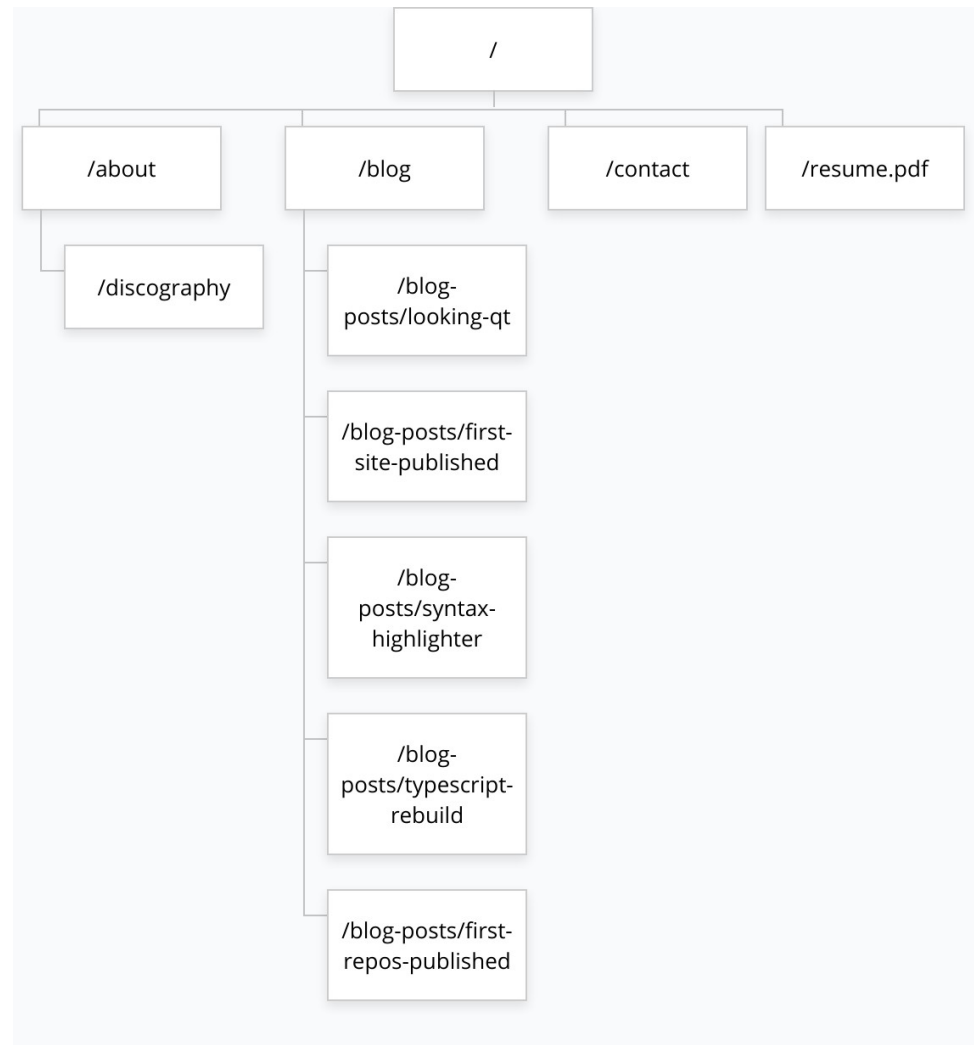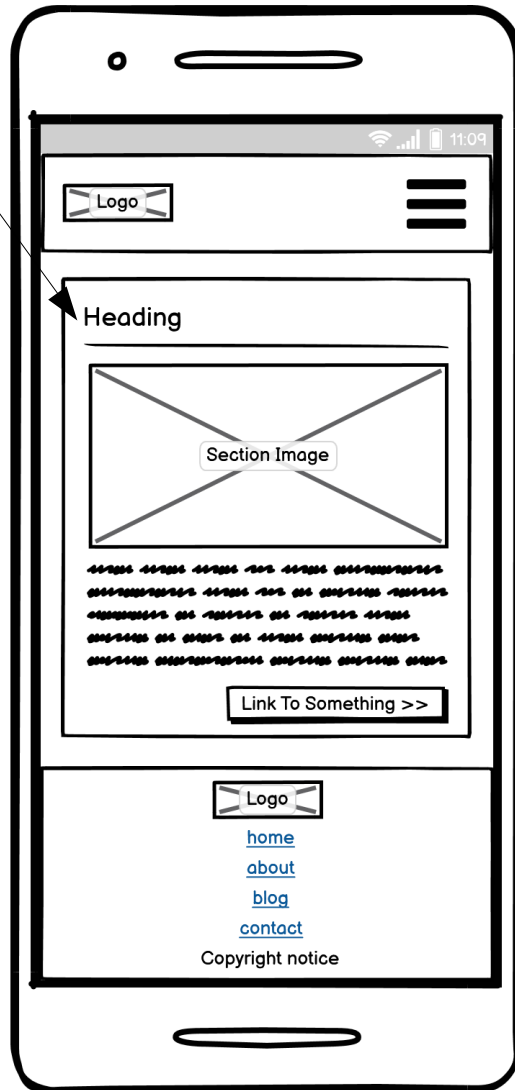
Layout Overview

Mobile

All sections across site have
The same styling

(Hamburger
will verticalise)

(Menu closed)

(Menu open)

Footer is
pushed to
page bottom
('body' is flex
and 'main' has
'flex-grow: 1;')

Logo

Heading

Section Image

Link To Something >>

Logo

home
about
blog
contact
Copyright notice

Logo

home
about
blog
contact

Heading

Section Image

Link To Something >>

Logo
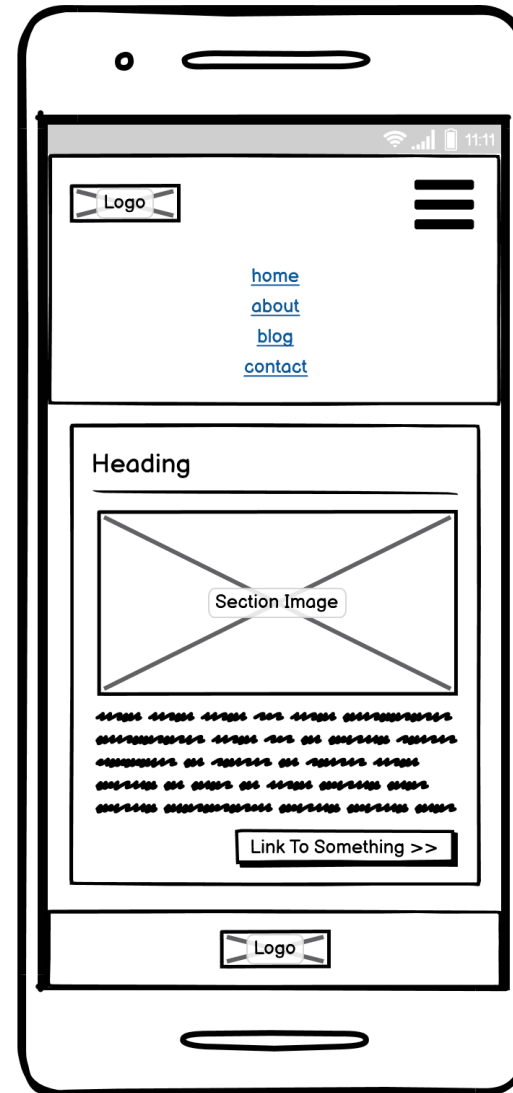
Desktop/Tablet

Header content is center aligned vertically – nav visible always

https://rncode.herokuapp.com

Logo

home   about   blog   contact

Heading

Section Image

Link To Something >>

Logo

home
about
blog
contact

Copyright notice
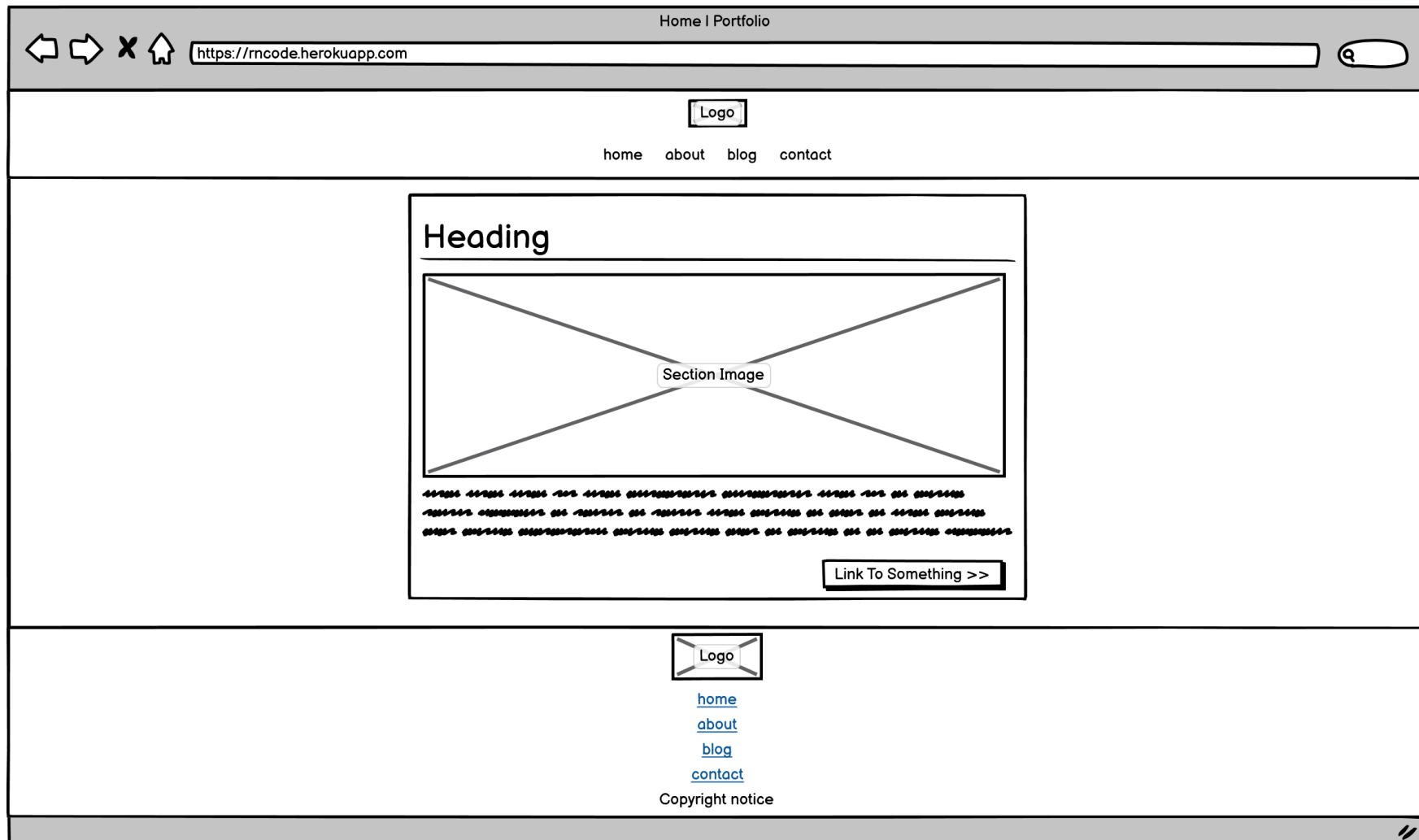
Notes On Layout

- All sections have consistent 'card-like' styling
  - Border radius (5px)
  - Box shadow

- Sections within 'main' are centered along the vertical axis and have a bottom margin to for spacing.

- Using combination of 'width: 100%;' and `max-width: 800px;' so that the sections are responsive to the size of their container ('main'), but also do not exceed a threshold.

- I like having main content centered when it is primarily textual.

- Some sections do not contain images or links – just text

No Tablets?

- The use of Flexbox and the combination of 'width' and 'max-width' eliminates the need for tablet breakpoints in my design

Page Section Breakdown

- Home page
  - Hi, I'm Rob
  - My interests
  - Current learning
  - Current job

  resume.pdf

- Discography
  - Single discography section (an index – similar to blog post index on blog page)

- About
  - My Story
  - Education
  - What I've Learned
  - I Make Music Too

- Blog
  - Single blog post index section

- Contact
  - Contact (includes a form for messaging me)
  - Connect
    - Github
    - LinkedIn

- Blog post (x5)
  - Single section containing a title, an image, the date + time, written content, and code snippets

NOTE: the arrows indicate links in sections on some pages

More Wireframes...

NOT INCLUDED

- home page

- about page

REASON: they share the same site-generic design, as outlined in slides 4 – 7.

NOTE: all sections to be included in the home and about pages have been detailed in the previous slide.

Contact Page

The only difference between the desktop/tablet and mobile views is that the header will change – all components on this page resize responsively
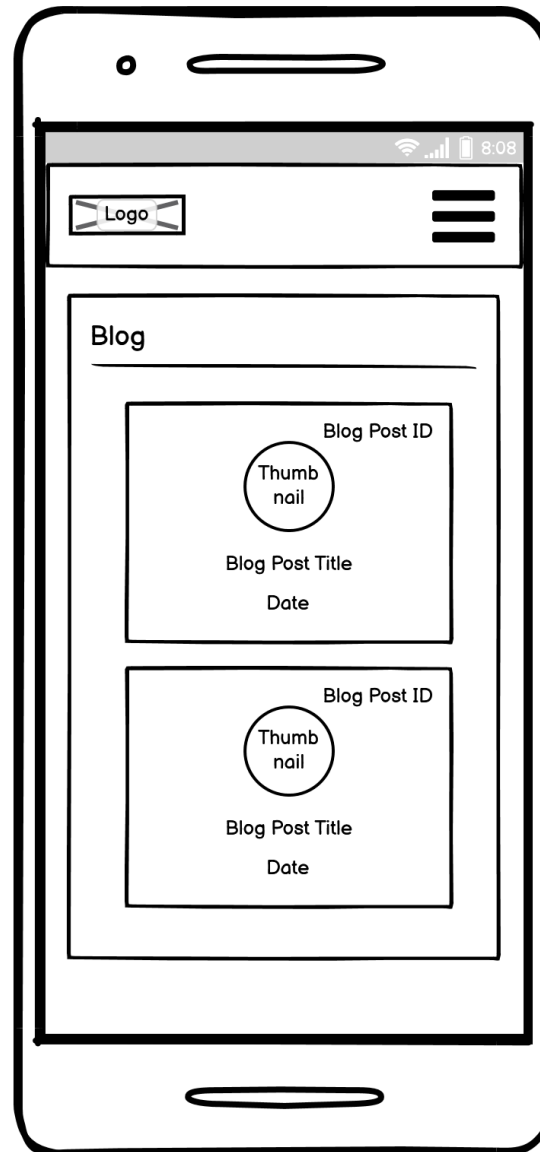
Additional section below the contact form to contain 'connect' (socials + GitHub) links

404 Page

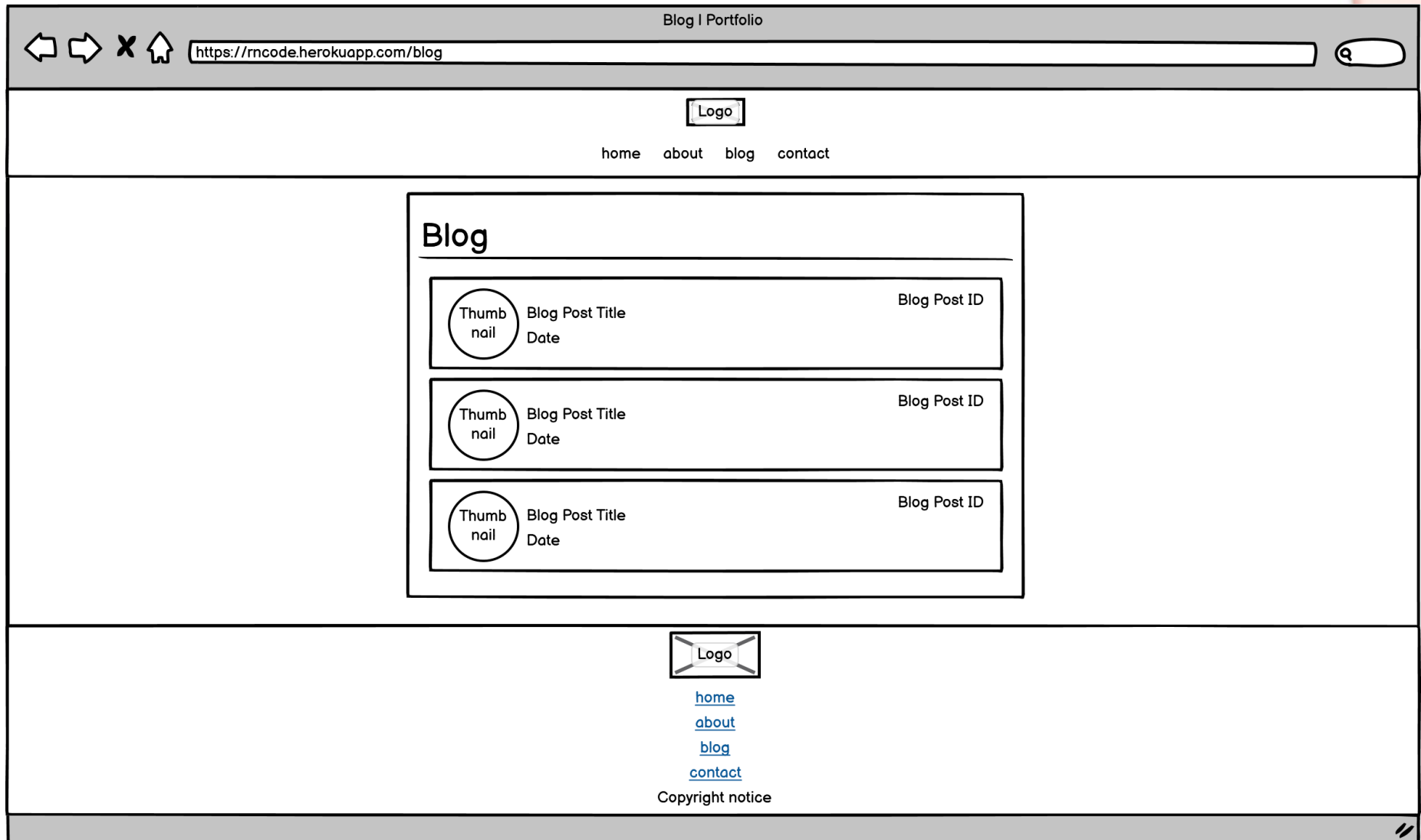- To include a section that 'explains the situation' to the user…

- And! A contact form for the user to send a message if there's a broken link on the site

- Maintains the same global design

Blog Page Mobile

Logo

Blog

Blog Post ID

Thumb nail

Blog Post Title

Date

Blog Post ID

Thumb nail

Blog Post Title

Date

**The implemented blog page contains 5 blog post links

Blog Page Desktop/Tablet

https://rncode.herokuapp.com/blog

Logo

home   about   blog   contact

Blog

Thumb nail   Blog Post Title
              Date   Blog Post ID

Thumb nail   Blog Post Title
              Date   Blog Post ID

Thumb nail   Blog Post Title
              Date   Blog Post ID

Logo

home

about

blog

contact

Copyright notice

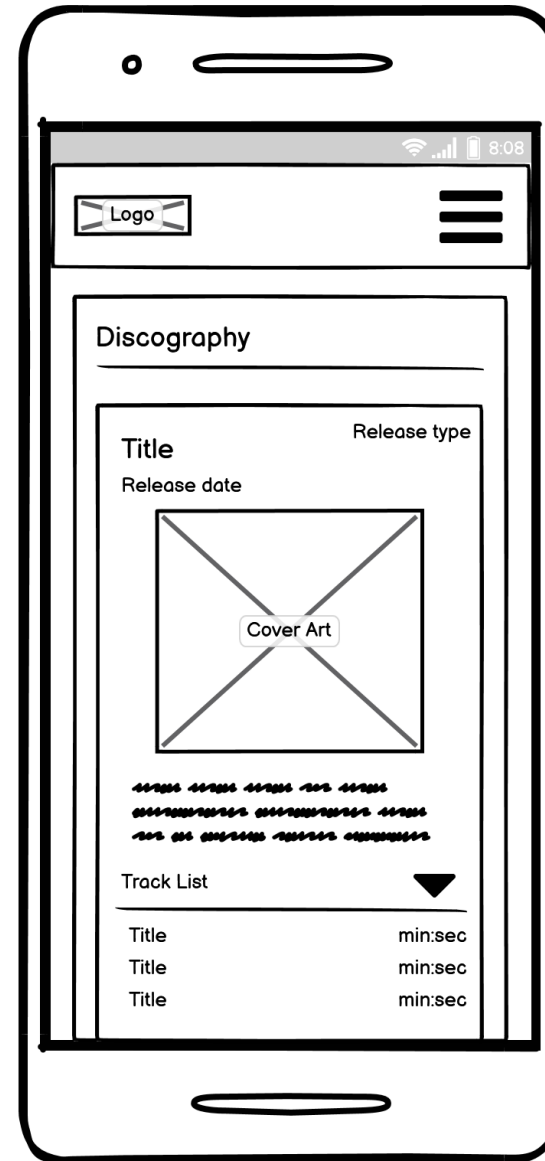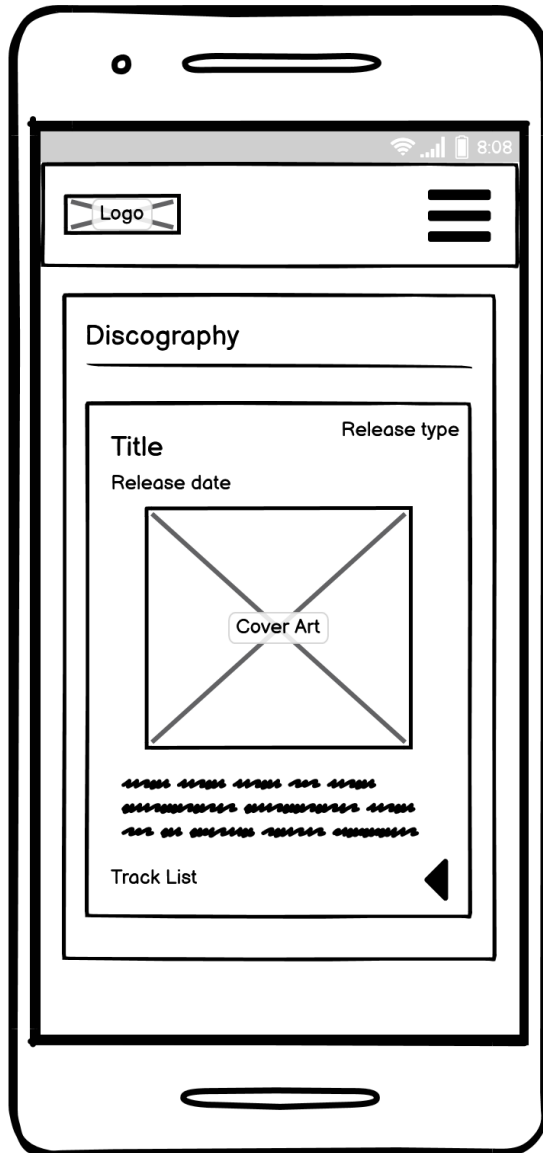**The implemented blog page contains 5 blog post links

Blog Post Page
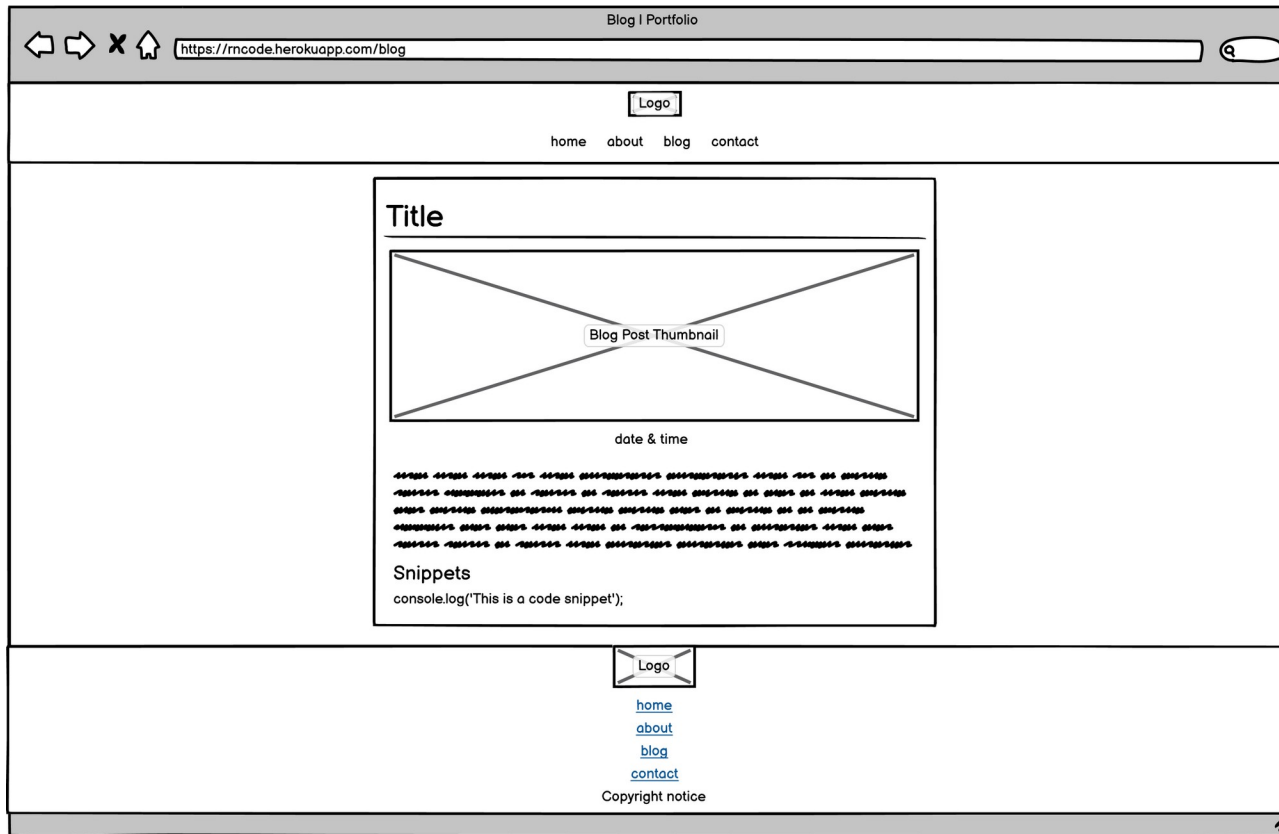
The only difference between the desktop/tablet and mobile views is that the header will change – all components on this page resize responsively

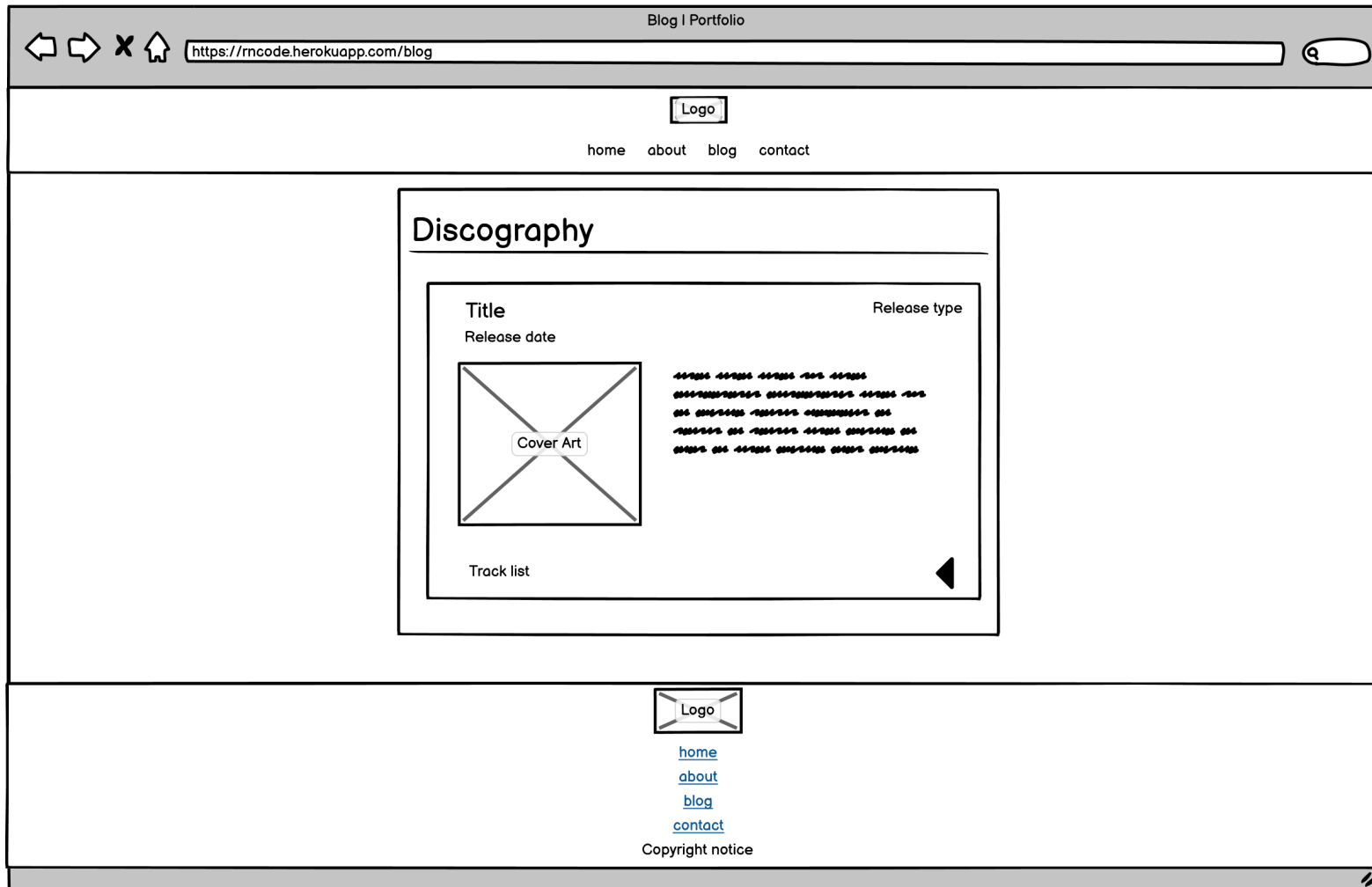- Each blog post will include code snippets from the project discussed that will be highlighted with highlight.js (CDN import)

Discography Page Mobile

Logo

Discography

Title   Release type
Release date

Cover Art

Track List

Logo

Discography

Title   Release type
Release date

Cover Art

Track List

Title	min:sec
Title	min:sec
Title	min:sec

(on hover)

Discography Page
Desktop/Tablet

https://rncode.herokuapp.com/blog

Logo

home   about   blog   contact

Discography

Title   Release type

Release date

Cover Art

◀

Track list

Logo

home
about
blog
contact
Copyright notice

Discography Page
Desktop/Tablet (on hover)

https://rncode.herokuapp.com/blog

Logo

home   about   blog   contact

Discography

Title   Release type

Release date

Cover Art

Track list   ▼

Title   min:sec

Logo

home
about
blog
contact
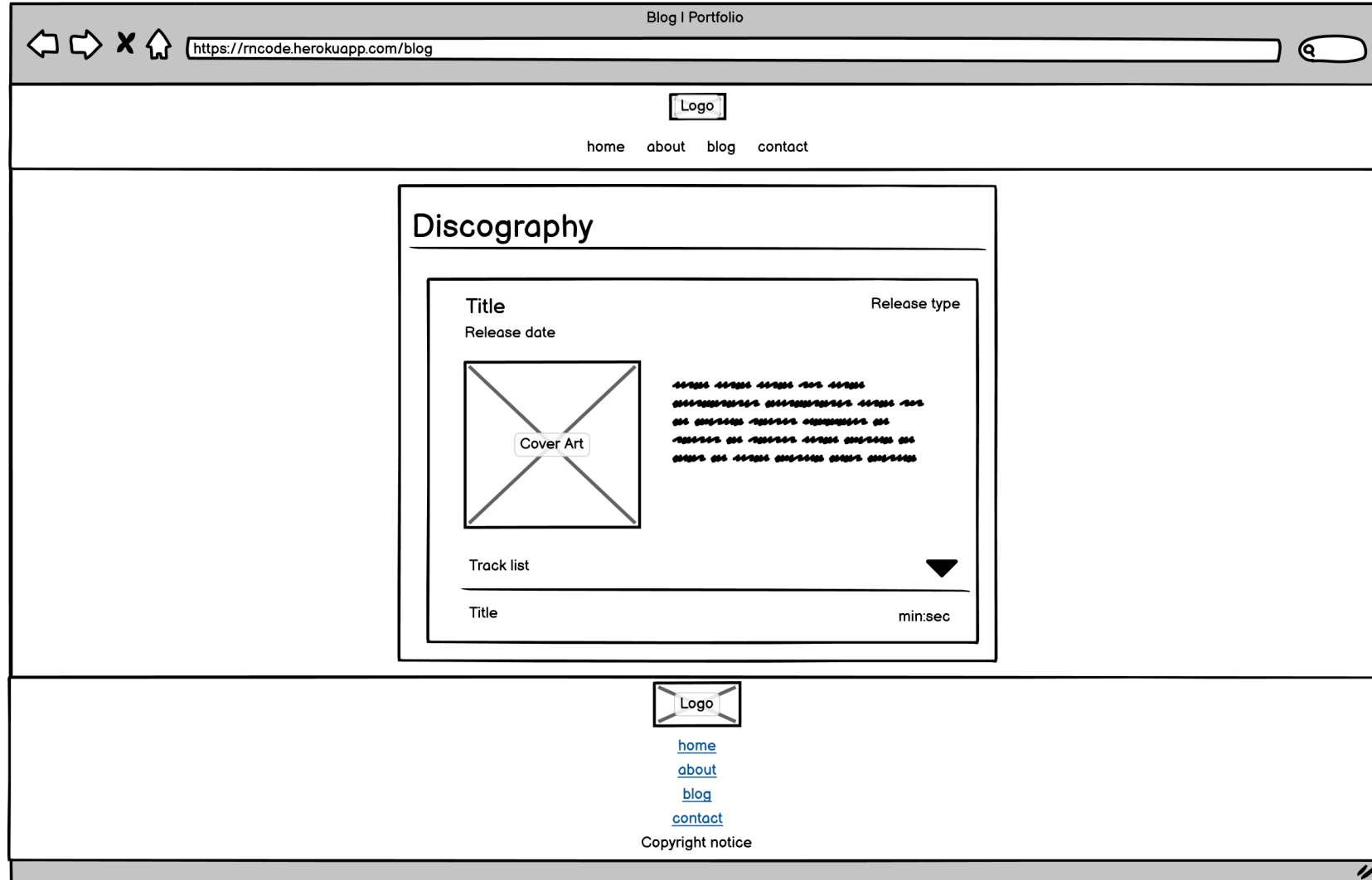
Components

- Global:
  - Header (G)
    - Hamburger (mobile)
  - Menu (G)(mobile)
  - Fixed background (G)
  - Main? (more a component container, but present on all pages)
  - Section (G?)
  - Footer (G)

- Page specific:
  - Blog post link (G)
  - Blog post code snippet
  - Contact form
    - Message card (G)
    - Sending spinner (G)
  - Discography item (G)
  - Connect link (G)

** 'G' following a listed component indicates that the component is graphical

Colour Scheme

- Simple & consistent across all pages in the site
- I am using pastel colours – off white, red, & navy
- The red features on a fixed background behind the main content
- Also incorporating a texture on the red background

Colour Scheme Mockup
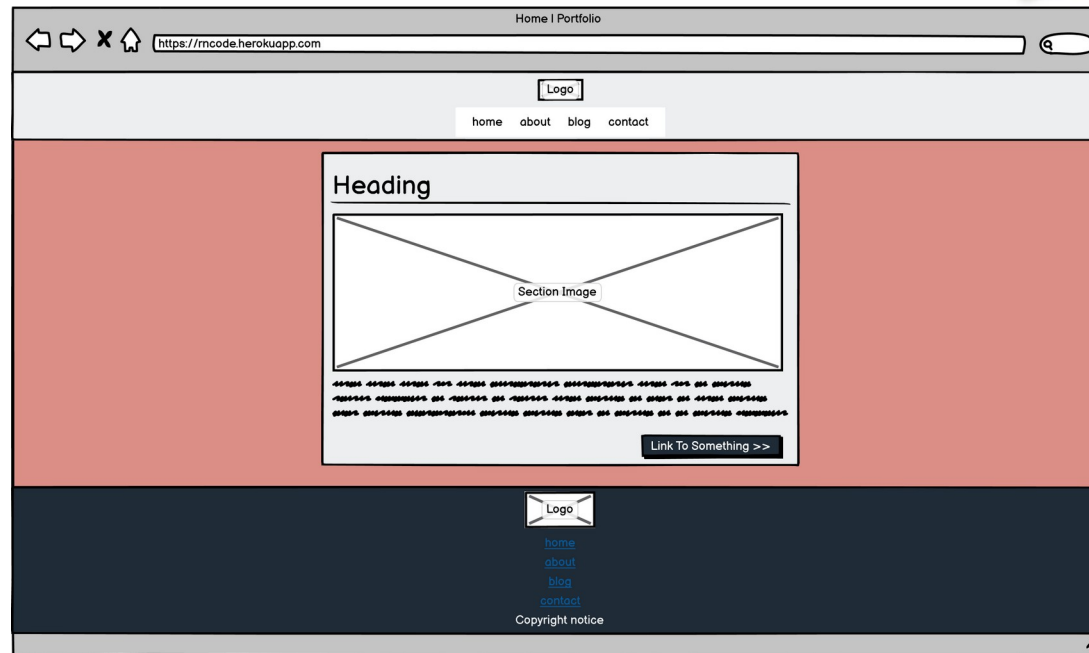
- Navbar is the same colour as the header

- Header text and logo colour is the same as the footer bg

- Footer text and logo colour is the same as the header bg

- Section bg is the same as the header bg, and section text is the same as the header text (footer bg)

- All section links and buttons will have footer bg – transitioning to a slightly lighter hue on hover

Fixed background

- The red will be overlayed with this texture

- This colour and texture will be the background of a fixed 'div' that is only visible behind the 'main' element on each page.

- Content moves over background on scroll
  – looks nice (adds more character)
  – engaging effect

Font

- I decided to go with a monospace Google font because… programming (and I reckon they look good on websites)

Roboto Mono — Variable
Christian Robertson

Almost before we knew it, we had left the ground.

My name is 'Rob' like 'Roboto' too...

# Additional Stylistic Features

- Emojis in headings (borrowing from GitHub)
    - Combined with images reduces theme uniformity (irregularities catch the eye)

- Header nav links will display bottom border on hover

- Footer nav links will display lighter bg on hover

- Blog post links will invert text and bg colours on hover and 'jiggle'

    ^ Same for 'connect' links on contact page

Accessibility

- The site supports keyboard navigation (all links and buttons)

- Although red and green have been chosen for contact form message card styling, those messages are easily legible and dismissible – regardless of the user's ability to distinguish those colours

- Semantic elements have been used extensively in HTML – except where stylistic grouping of content inside semantic elements is required

- All images have their 'alt' attribute set to a short description of the image content

Review of Development Process
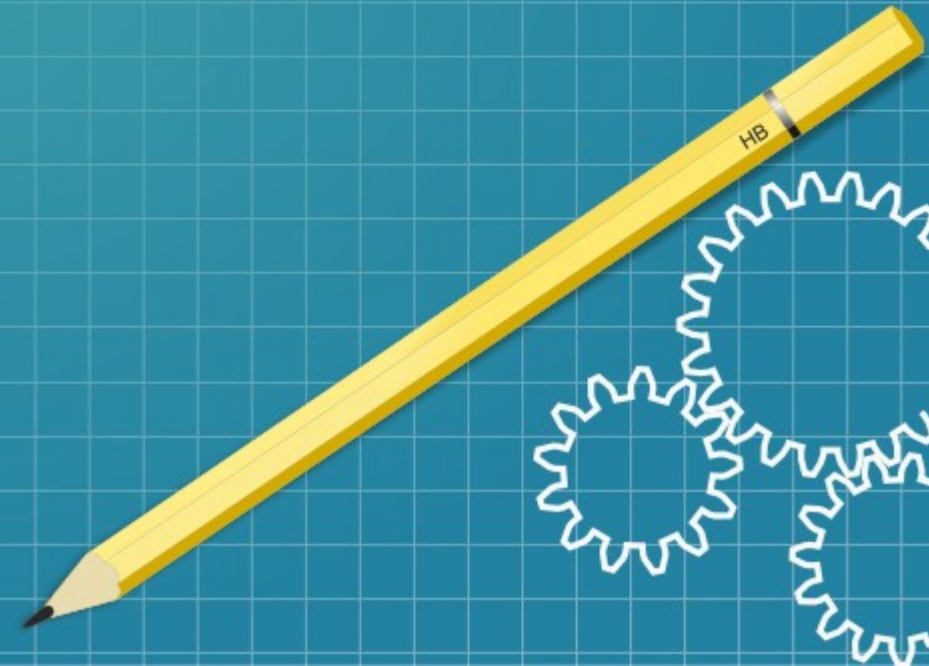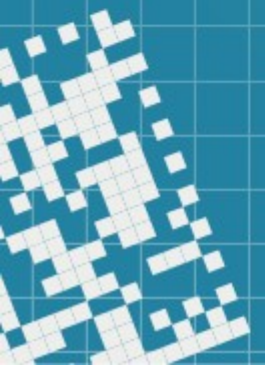
- No major issues to report.

- The only problem I encountered was setting up SSH keys for two GitHub accounts on the one machine – I ended up just using SSH for my CoderAcademy account and HTTP for my personal account.

- Build process was fairly smooth as I have experience with other build tools (g++, MinGW, Mono, and Webpack)

- No ethical issues other than avoiding publishing my personal contact details online (hence the contact forms)

- I enjoyed the whole process, but particularly using Sass and adding JavaScript for the menu and contact forms

- Favourite (coolest) part was fine tuning my build process using npm scripts (concurrently, cross-env, nodemon, sass)

Thank you for your time!