

Cat Facts Website

Intended Purpose: To provide information and entertainment to the general public, as well as educate them on the various breeds of cats present in the world today.

Intended Audience: Cat lovers, people looking for random facts on cats, people researching different cat breeds.

Major functions:

- An opening page that shows a rotating image gallery of various cats
- A Grid view that provides an image of each breed of cat as well as their official breed name. Once you click on that view it takes you to the detail view
- Detail view: Provides an image of the breed, the name, detailed information about the breed, as well as fun facts.
- A favorite button for each breed. Adds to local storage, which is then used to populate the “favorites” page. Likewise an “unfavorite” button is added in the favorites page to remove the breed from favorites, which then updates local storage and re-renders the page.

Data sources:

Local Storage (for favorites list)

API: <https://thecatapi.com/>

Dynamics: Will dynamically yield the header/footer, the head, the grid page of all cat breeds, and the detail page for each cat once clicked on. Will also dynamically load the favorites page.

Animation ideas: Hover effects when hovering over image in grid, carousel image of random cat photos on main page, Pop-up for joining the newsletter, hamburger menu

Navigation:

Home

Breeds

Favorites

Join

Classes:

Cat List: Populates the list of cats, renders the template

Cat Detail: Gathers the information on each cat, Creates the template for the cat card, renders it upon selection.


Favorites: uses local storage to gather the selected favorite breeds, creates the grid template, renders the display


Modules:


- Cat detail


- Cat list
- Newsletter
- Main
- Utilities


Color Palette:

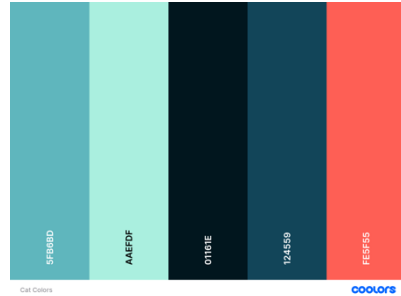
Primary color: #5FB6BD 

Secondary color: #AAEFDF 

Tertiary Color: #124559 

Accent Color: #FE5F55 

Font Color: #01161E 



Typography:

Header1: **Quicksand**

Header2: **Comfortaa**

Paragraph: Montserrat

Wireframes:

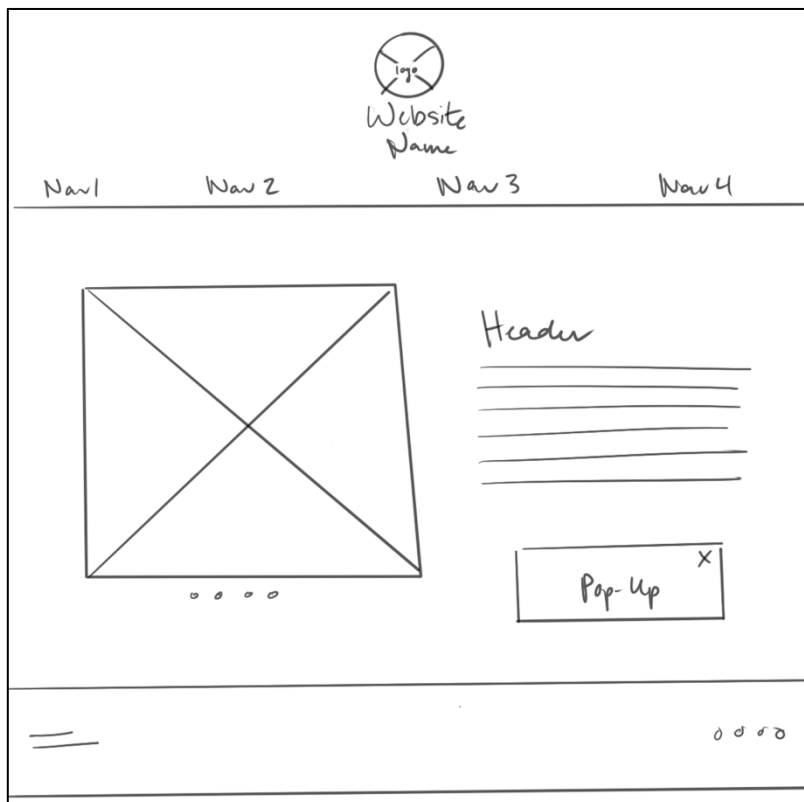


Figure 1: Main Page, Desktop

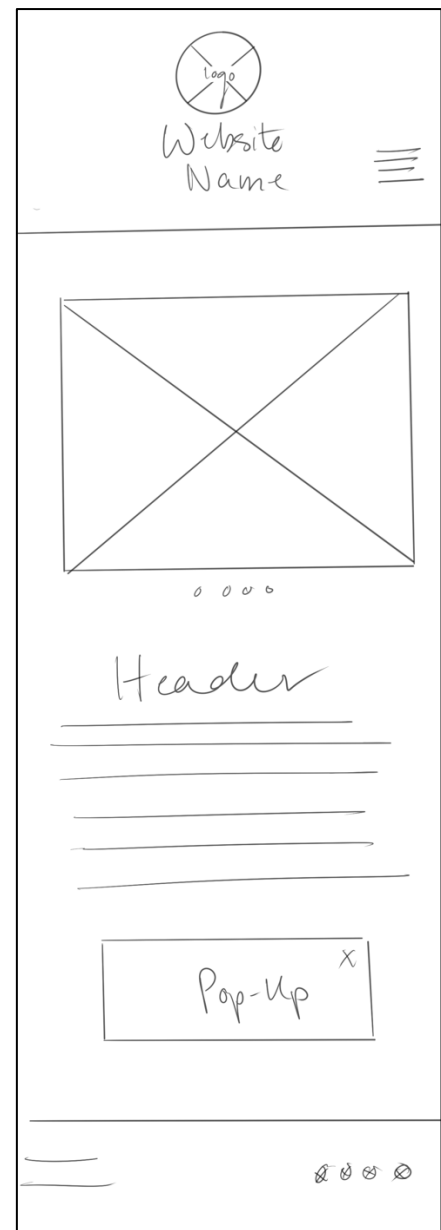


Figure 2: Main Page, Mobile

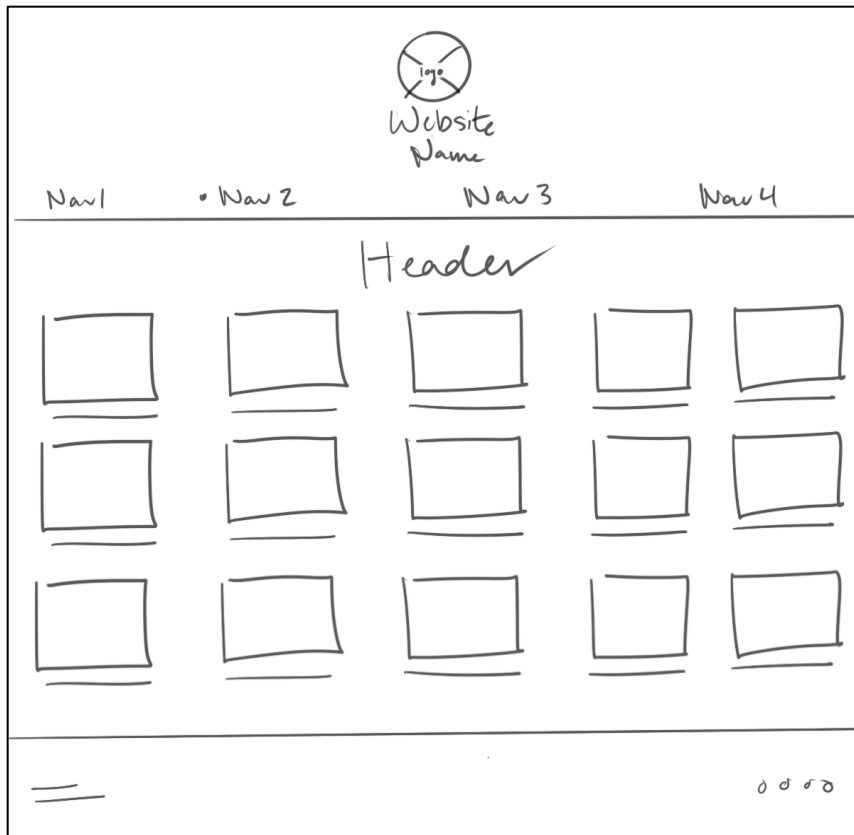


Figure 3 Grid View, Desktop

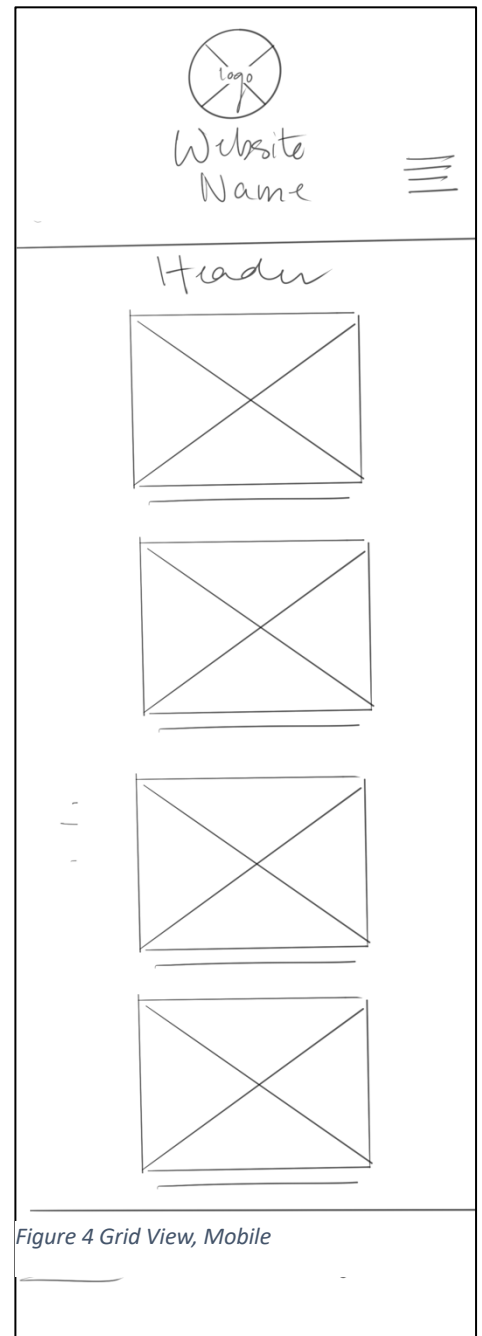


Figure 4 Grid View, Mobile

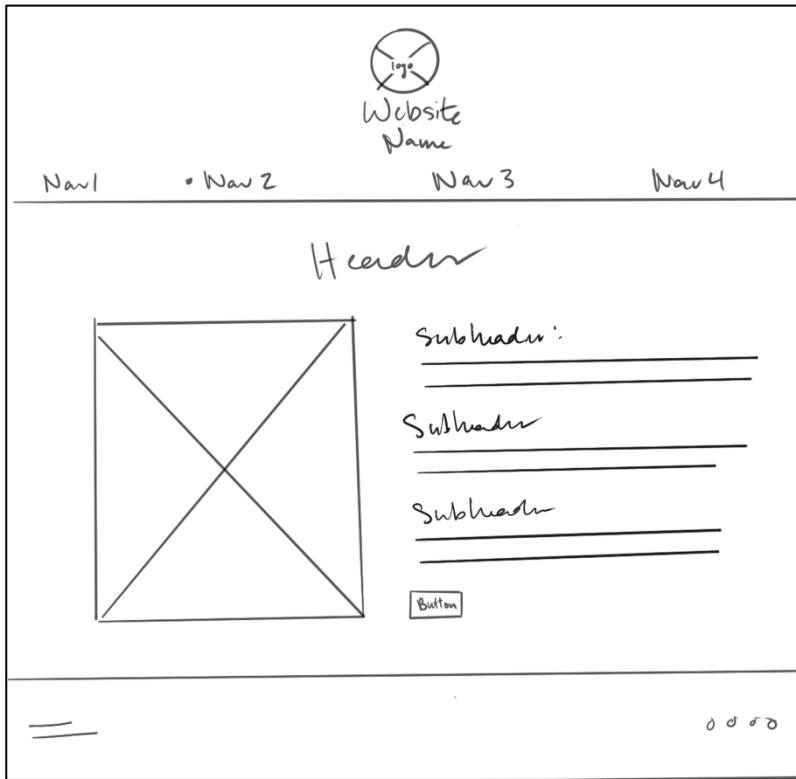


Figure 5 Detailed View, Desktop

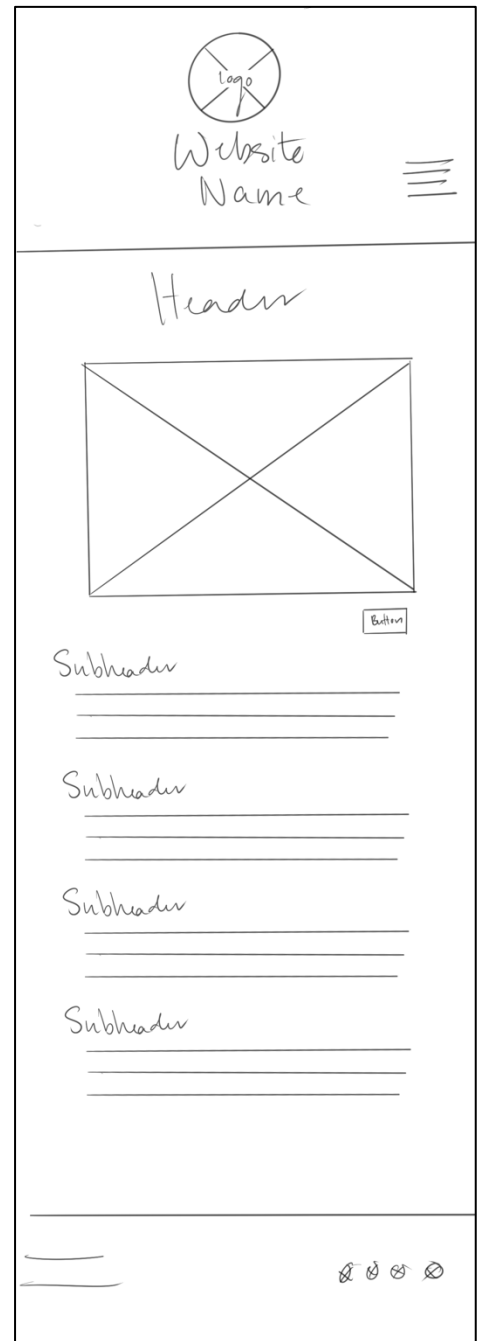


Figure 6 Detailed View, Mobile

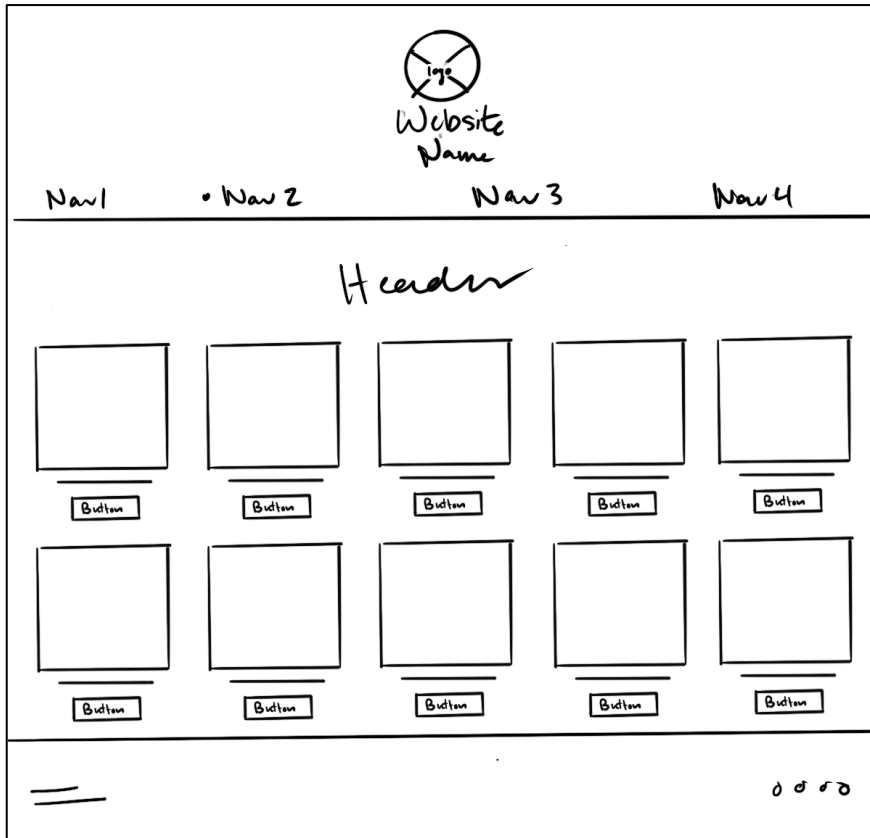


Figure 7 Favorites Grid, Desktop

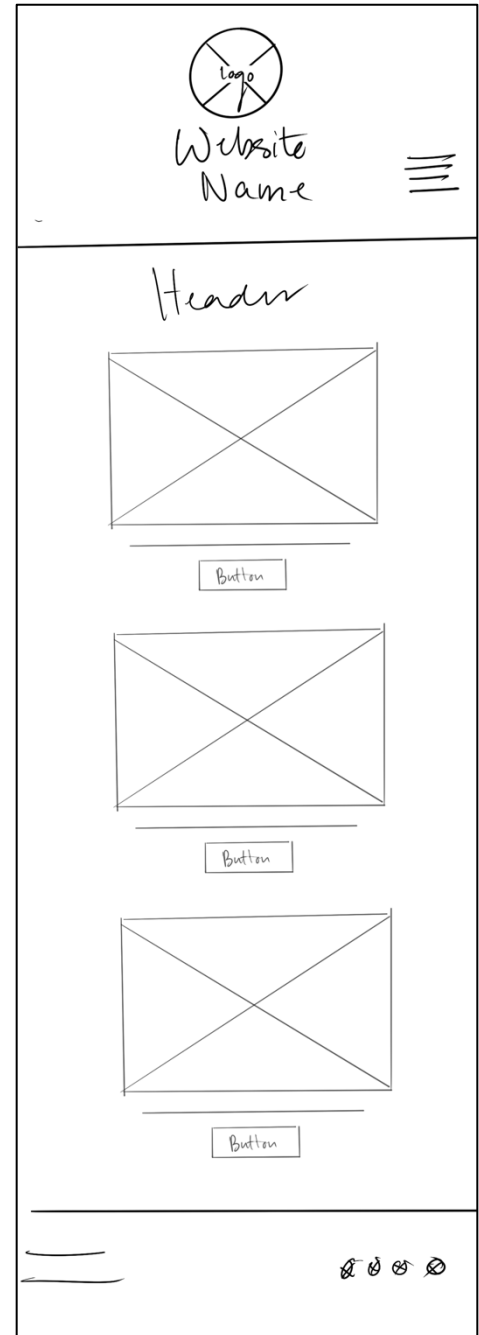


Figure 8 Favorites Grid, Mobile

Hand-drawn desktop layout for a newsletter form. The header features a logo (a circle with 'logo' and a diagonal line) and the text 'Website Name'. Below the header is a navigation bar with four items: 'Nav 1', '• Nav 2', 'Nav 3', and 'Nav 4'. The main content area contains a form titled 'Form Header'. The form has three input fields, each preceded by the word 'Label'. Below the input fields is a checkbox labeled 'Checkbox' and a 'Submit' button. The footer contains a hamburger menu icon on the left and three dots on the right.

Figure 9 Newsletter, Desktop

Hand-drawn mobile layout for a newsletter form. The header features a logo (a circle with 'logo' and a diagonal line) and the text 'Website Name'. To the right of the text is a hamburger menu icon. The main content area contains a form titled 'Form Header'. The form has three input fields, each preceded by the word 'Label'. Below the input fields is a checkbox labeled 'Checkbox' and a 'Submit' button. The footer contains a hamburger menu icon on the left and four dots on the right.

Figure 10 Newsletter, Mobile