**Project Objective**

Native-languages.org is a small non-profit website that works in the preservation and promotion of Native American languages and culture. The website is a repository of information containing vocabulary words, stories, mythologies, and enormous amounts of links to various online resources. The site is intended for any person of any age with the interest of the Native American Culture and language.

This website contains hundreds of pages regarding these tribes however, the current website is hard to navigate. Initially created in 1998 and does not appear to contain many CSS elements, making it even harder to read for users accessing the site via mobile device. The focus of this project was.

The redesign prototype aims to integrate HTML5 elements and update the site’s layout for better readability. The site is difficult to navigate through and many of the web pages are walls of text; this can be off-putting to any user attempting to find information.

As the site already contains a lot of information, I will be using many of its resources to rebuild the web pages as my focus will be primarily on redesigning the layout of the website. I may, however, need to use relatable images to break up text walls. I do not suspect the pages require a lot of updating unless new information becomes available.

**Development Process**

Redesigning the site consisted of researching the following items below to identify the best layouts to deliver information to users:

1. Study the current layout and design of the website and identify current issues.
2. Examine multiple encyclopedia websites, like encyclopedia.com, Britannica.com, and Wikipedia.com to understand the preferred layout for informational database sites.
3. Find relevant images to add to web pages to break up text walls and improve search engine optimization (SEO).

The content for the prototype was built utilizing preexisting information from native-langauges.org. In studying the site layout, it became apparent that a few pages were similar to each other. A creative decision was made to combine these like pages.

The prototype maintained the hierarchical model present of the original site as it was easier to organize and find content, however, the prototype’s categories were more accessible to visitors with the addition of breadcrumb navigation to article pages.

Figure 1. Prototype Hierarchical Diagram

Only three types of webpage templates were designed: the home page, the articles pages, and the disclosure pages. The disclosure pages will contain all “non-content” information that users are likely not searching for such as the privacy policy, FAQs, and the About Us summary.

**Current Design vs Design Wireframes**

Below are screenshots of native-languages.org’s current design layout (captured: June 12, 2021) with a proposed redesign as a low-fidelity wireframe.

Text

Description automatically generated

Figure 2. Current Home Page

Graphical user interface

Description automatically generated with medium confidence

Figure 3. Prototype Home Page Wireframe

Text

Description automatically generated

Figure 4. Current Article Page

Text

Description automatically generated

Figure 5. Prototype Article Page Wireframe

Text, application

Description automatically generated

Figure 6. Current Disclosure Page/ About us & FAQ

A screenshot of a computer

Description automatically generated with medium confidence

Figure 7. Prototype Disclosure Page Wireframe