

1. Problem Statement

Zen Library (the client) states that their website is too boring and lacks a “personality”. They want to add something fun to the front page that will entertain website visitors / potential customers by creating a memorable experience. The stakeholders of this project are the client Zen Library, our team the developers, and website visitors. Our team proposed to implement random quotes to the website by implementing features such as saving, unsaving, and viewing quotes. This will add some fun interactivity to the website. We will do this by implementing a publicly available dataset of random quotes, including details like the quote text and author name. Our team will choose to use HTML for layout, CSS for styling, and JavaScript to make the webpage more interactive for website visitors.

API

<https://dummyjson.com/quotes/random>

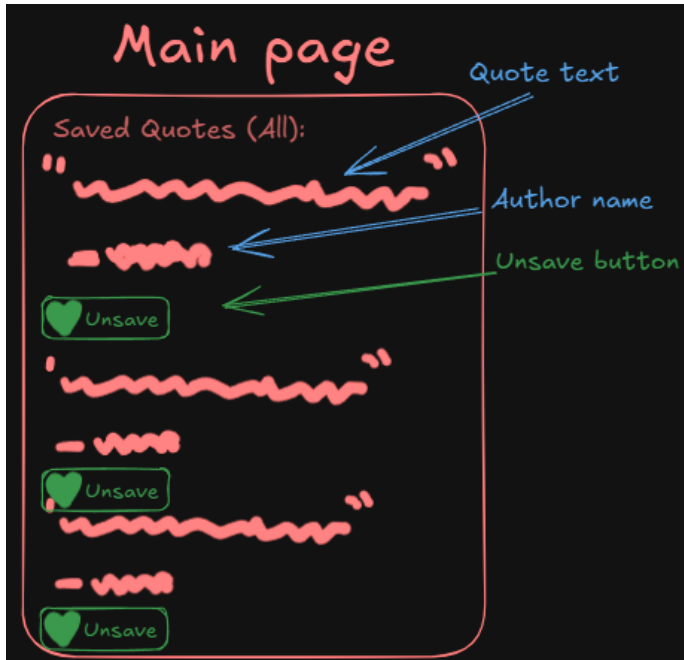
2. Technology Decisions

Since the task is small and simple to implement into a website, we choose to use HTML, CSS, and vanilla JavaScript. We will need an element to hold the quote information and author name, some CSS to clean up the design and integrate it into the website's existing design, and JavaScript to add some interactivity to the element to allow website visitors to generate a new quote or save a quote. We will use a database to store all the saved quote information.

3. Initial Wireframes

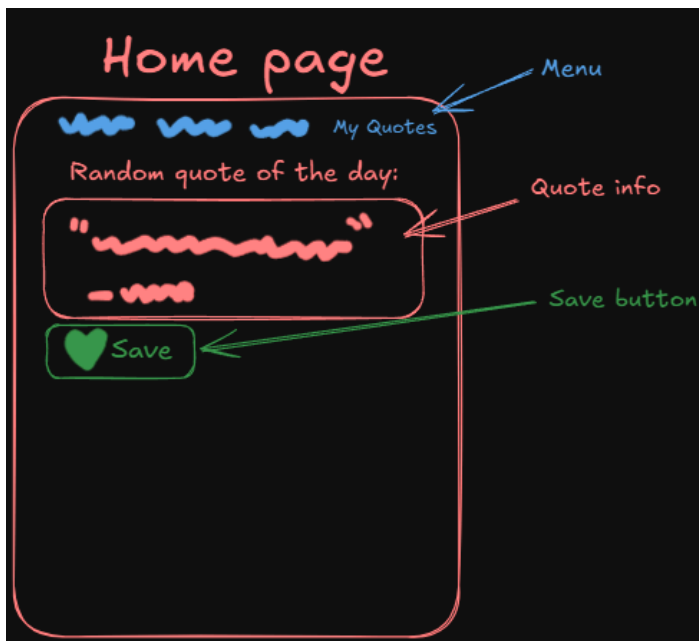
Main page:

The main page will be dedicated to the new feature. Users will be able to view all saved quotes, as well as unsave quotes from this page.



Home page:

The home page will contain existing content from the clients website with an additional element dedicated to the new feature. Users will be able to view single quotes and save them.



About page:

The about page will follow the same design as the element in the home page and will explain the mission of this project, to create a memorable experience for website visitors of Zen Library using the random quotes public API.

Help page:

The help page will contain information about how to navigate the new elements, for example saving a quote, then viewing your saved quotes using the navigation menu, and unsaving a quote on the main page. We could also include images or short videos to better help users navigate through the new feature.