# LifeFacts Website

Here's a responsive personal LifeFacts website that displays interesting real-life facts. I'll create a design inspired by popular fact websites but with a clean, modern look.

## HTML (index.html)

```html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>LifeFacts - Amazing Real Life Facts</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

</head>

<body>

<header>

<div class="container">

<div class="logo">

<h1>Life<span>Facts</span></h1>

<p>Amazing things that happen in real life</p>

</div>

<nav>

<ul>

<li><a href="#" class="active">Home</a></li>

<li><a href="#">Categories</a></li>

<li><a href="#">Submit Fact</a></li>

<li><a href="#">About</a></li>

</ul>

<div class="mobile-menu-btn">

<i class="fas fa-bars"></i>

</div>

</nav>

</div>

</header>

<div class="mobile-menu">

<ul>

<li><a href="#" class="active">Home</a></li>

<li><a href="#">Categories</a></li>

<li><a href="#">Submit Fact</a></li>

<li><a href="#">About</a></li>

</ul>

</div>

<main class="container">

<section class="search-section">

<div class="search-container">

<input type="text" placeholder="Search for interesting facts...">

<button><i class="fas fa-search"></i></button>

</div>

<div class="filter-tags">

<span class="tag active">All</span>

<span class="tag">Science</span>

<span class="tag">History</span>

<span class="tag">Nature</span>

<span class="tag">Human Body</span>

<span class="tag">Animals</span>

<span class="tag">Psychology</span>

</div>

</section>

<section class="featured-fact">

<div class="fact-card featured">

<div class="fact-content">

<h2>Featured Fact</h2>

<p>The human brain can recognize a smell in just 0.01 seconds, faster than any other sense.</p>

<div class="fact-meta">

<span class="category">Science</span>

<span class="likes"><i class="fas fa-heart"></i> 1,245</span>

</div>

</div>

<div class="fact-image" style="background-image: url('https://images.unsplash.com/photo-1517842645767-c639042777db?ixlib=rb-1.2.1&auto=format&fit=crop&w=500&q=60');"></div>

</div>

</section>

<section class="facts-grid">

<div class="fact-card">

<div class="fact-content">

<p>Bananas are berries, but strawberries aren't.</p>

<div class="fact-meta">

<span class="category">Nature</span>

<span class="likes"><i class="fas fa-heart"></i> 892</span>

</div>

</div>

</div>

<div class="fact-card">

<div class="fact-content">

<p>Your nose can remember 50,000 different scents.</p>

<div class="fact-meta">

<span class="category">Human Body</span>

<span class="likes"><i class="fas fa-heart"></i> 1,034</span>

</div>

</div>

</div>

<div class="fact-card">

<div class="fact-content">

<p>Octopuses have three hearts, nine brains, and blue blood.</p>

<div class="fact-meta">

<span class="category">Animals</span>

<span class="likes"><i class="fas fa-heart"></i> 1,567</span>

</div>

</div>

</div>

<div class="fact-card">

<div class="fact-content">

<p>Honey never spoils. Archaeologists have found pots of honey in ancient Egyptian tombs that are over 3,000 years old and still perfectly good to eat.</p>

<div class="fact-meta">

<span class="category">History</span>

<span class="likes"><i class="fas fa-heart"></i> 2,103</span>

</div>

</div>

</div>

<div class="fact-card">

<div class="fact-content">

<p>The shortest war in history was between Britain and Zanzibar on August 27, 1896. Zanzibar surrendered after 38 minutes.</p>

<div class="fact-meta">

<span class="category">History</span>

<span class="likes"><i class="fas fa-heart"></i> 1,876</span>

</div>

</div>

</div>

<div class="fact-card">

<div class="fact-content">

<p>Your stomach acid is strong enough to dissolve razor blades.</p>

<div class="fact-meta">

<span class="category">Human Body</span>

<span class="likes"><i class="fas fa-heart"></i> 1,432</span>

</div>

</div>

</div>

</section>

<section class="load-more">

<button id="loadMoreBtn">Load More Facts</button>

</section>

</main>

<footer>

<div class="container">

<div class="footer-content">

<div class="footer-section about">

<h3>About LifeFacts</h3>

<p>We collect and share the most amazing facts about life, science, history, and everything in between. Our mission is to make learning fun and interesting.</p>

</div>

<div class="footer-section links">

<h3>Quick Links</h3>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">Categories</a></li>

<li><a href="#">Submit a Fact</a></li>

<li><a href="#">About Us</a></li>

</ul>

</div>

<div class="footer-section social">

<h3>Connect With Us</h3>

<div class="social-icons">

<a href="#"><i class="fab fa-facebook"></i></a>

<a href="#"><i class="fab fa-twitter"></i></a>

<a href="#"><i class="fab fa-instagram"></i></a>

<a href="#"><i class="fab fa-pinterest"></i></a>

</div>

</div>

</div>

<div class="footer-bottom">

<p>&copy; 2023 LifeFacts. All rights reserved.</p>

</div>

</div>

</footer>

<script src="script.js"></script>

</body>

</html>

```

## CSS (styles.css)

```css

/\* Global Styles \*/

:root {

--primary-color: #4a6fa5;

--secondary-color: #166088;

--accent-color: #4fc3f7;

--light-color: #f8f9fa;

--dark-color: #343a40;

--text-color: #333;

--text-light: #777;

--shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

--transition: all 0.3s ease;

}

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

line-height: 1.6;

color: var(--text-color);

background-color: #f5f7fa;

}

.container {

width: 90%;

max-width: 1200px;

margin: 0 auto;

padding: 0 15px;

}

h1, h2, h3, h4 {

margin-bottom: 15px;

color: var(--dark-color);

}

a {

text-decoration: none;

color: var(--primary-color);

transition: var(--transition);

}

a:hover {

color: var(--secondary-color);

}

img {

max-width: 100%;

height: auto;

}

/\* Header Styles \*/

header {

background-color: white;

box-shadow: var(--shadow);

position: sticky;

top: 0;

z-index: 100;

padding: 15px 0;

}

header .container {

display: flex;

justify-content: space-between;

align-items: center;

}

.logo h1 {

font-size: 28px;

color: var(--dark-color);

}

.logo h1 span {

color: var(--primary-color);

}

.logo p {

font-size: 12px;

color: var(--text-light);

}

nav ul {

display: flex;

list-style: none;

}

nav ul li {

margin-left: 20px;

}

nav ul li a {

font-weight: 500;

color: var(--text-color);

padding: 5px 10px;

border-radius: 4px;

}

nav ul li a:hover {

color: var(--primary-color);

background-color: rgba(74, 111, 165, 0.1);

}

nav ul li a.active {

color: white;

background-color: var(--primary-color);

}

.mobile-menu-btn {

display: none;

font-size: 24px;

cursor: pointer;

color: var(--dark-color);

}

/\* Mobile Menu \*/

.mobile-menu {

position: fixed;

top: 0;

left: -100%;

width: 80%;

height: 100vh;

background-color: white;

box-shadow: 2px 0 10px rgba(0, 0, 0, 0.1);

z-index: 1000;

transition: var(--transition);

padding: 20px;

}

.mobile-menu.active {

left: 0;

}

.mobile-menu ul {

list-style: none;

margin-top: 30px;

}

.mobile-menu ul li {

margin-bottom: 15px;

}

.mobile-menu ul li a {

color: var(--text-color);

font-size: 18px;

}

.mobile-menu ul li a.active {

color: var(--primary-color);

font-weight: bold;

}

/\* Main Content Styles \*/

main {

padding: 30px 0;

}

/\* Search Section \*/

.search-section {

margin-bottom: 30px;

}

.search-container {

display: flex;

margin-bottom: 20px;

}

.search-container input {

flex: 1;

padding: 12px 15px;

border: 1px solid #ddd;

border-radius: 4px 0 0 4px;

font-size: 16px;

outline: none;

}

.search-container button {

padding: 0 20px;

background-color: var(--primary-color);

color: white;

border: none;

border-radius: 0 4px 4px 0;

cursor: pointer;

font-size: 16px;

transition: var(--transition);

}

.search-container button:hover {

background-color: var(--secondary-color);

}

.filter-tags {

display: flex;

flex-wrap: wrap;

gap: 10px;

}

.tag {

padding: 6px 12px;

background-color: white;

border: 1px solid #ddd;

border-radius: 20px;

font-size: 14px;

cursor: pointer;

transition: var(--transition);

}

.tag:hover {

background-color: #f0f0f0;

}

.tag.active {

background-color: var(--primary-color);

color: white;

border-color: var(--primary-color);

}

/\* Fact Cards \*/

.facts-grid {

display: grid;

grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));

gap: 20px;

margin-bottom: 30px;

}

.fact-card {

background-color: white;

border-radius: 8px;

box-shadow: var(--shadow);

overflow: hidden;

transition: var(--transition);

}

.fact-card:hover {

transform: translateY(-5px);

box-shadow: 0 10px 20px rgba(0, 0, 0, 0.1);

}

.fact-card.featured {

grid-column: 1 / -1;

display: flex;

flex-direction: column;

}

.fact-card .fact-content {

padding: 20px;

}

.fact-card.featured .fact-content {

flex: 1;

}

.fact-card h2 {

color: var(--primary-color);

font-size: 24px;

margin-bottom: 10px;

}

.fact-card p {

margin-bottom: 15px;

font-size: 16px;

line-height: 1.6;

}

.fact-meta {

display: flex;

justify-content: space-between;

align-items: center;

font-size: 14px;

color: var(--text-light);

}

.category {

background-color: rgba(74, 111, 165, 0.1);

color: var(--primary-color);

padding: 3px 8px;

border-radius: 4px;

font-weight: 500;

}

.likes {

color: #e74c3c;

}

.fact-card .fact-image {

height: 200px;

background-size: cover;

background-position: center;

}

.fact-card.featured .fact-image {

height: 300px;

}

/\* Load More Button \*/

.load-more {

text-align: center;

margin: 30px 0;

}

#loadMoreBtn {

padding: 12px 30px;

background-color: var(--primary-color);

color: white;

border: none;

border-radius: 4px;

font-size: 16px;

cursor: pointer;

transition: var(--transition);

}

#loadMoreBtn:hover {

background-color: var(--secondary-color);

}

/\* Footer Styles \*/

footer {

background-color: var(--dark-color);

color: white;

padding: 40px 0 20px;

}

.footer-content {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

gap: 30px;

margin-bottom: 30px;

}

.footer-section h3 {

color: white;

margin-bottom: 20px;

font-size: 18px;

}

.footer-section.about p {

margin-bottom: 15px;

color: #bbb;

}

.footer-section.links ul {

list-style: none;

}

.footer-section.links li {

margin-bottom: 10px;

}

.footer-section.links a {

color: #bbb;

}

.footer-section.links a:hover {

color: white;

}

.social-icons {

display: flex;

gap: 15px;

}

.social-icons a {

color: white;

font-size: 20px;

transition: var(--transition);

}

.social-icons a:hover {

color: var(--accent-color);

}

.footer-bottom {

text-align: center;

padding-top: 20px;

border-top: 1px solid #444;

color: #bbb;

font-size: 14px;

}

/\* Responsive Styles \*/

@media (max-width: 992px) {

.fact-card.featured {

flex-direction: column;

}

.fact-card.featured .fact-image {

height: 200px;

}

}

@media (max-width: 768px) {

nav ul {

display: none;

}

.mobile-menu-btn {

display: block;

}

.search-container input {

padding: 10px 15px;

}

.footer-content {

grid-template-columns: 1fr;

}

}

@media (max-width: 576px) {

.logo h1 {

font-size: 24px;

}

.facts-grid {

grid-template-columns: 1fr;

}

.filter-tags {

justify-content: center;

}

}

```

## JavaScript (script.js)

```javascript

document.addEventListener('DOMContentLoaded', function() {

// Mobile menu toggle

const mobileMenuBtn = document.querySelector('.mobile-menu-btn');

const mobileMenu = document.querySelector('.mobile-menu');

mobileMenuBtn.addEventListener('click', function() {

mobileMenu.classList.toggle('active');

});

// Close mobile menu when clicking outside

document.addEventListener('click', function(e) {

if (!mobileMenu.contains(e.target) && !mobileMenuBtn.contains(e.target)) {

mobileMenu.classList.remove('active');

}

});

// Filter tags functionality

const tags = document.querySelectorAll('.tag');

tags.forEach(tag => {

tag.addEventListener('click', function() {

tags.forEach(t => t.classList.remove('active'));

this.classList.add('active');

// In a real app, you would filter facts here

});

});

// Load more facts button

const loadMoreBtn = document.getElementById('loadMoreBtn');

const factsGrid = document.querySelector('.facts-grid');

// Sample additional facts

const additionalFacts = [

{

content: "The average person will spend six months of their life waiting for red lights to turn green.",

category: "Psychology",

likes: 987

},

{

content: "A single cloud can weigh more than 1 million pounds.",

category: "Nature",

likes: 1,234

},

{