

Favourite City Blog

UI/UX Design Fundamentals – Christ(Deemed to be University)

Submitted By:

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1. Abstract:

This is a Favourite City Blog project to enable users to be informed and follow up on the culture, diversity and different tourist spots in the city of Kodaikanal by means of an interactive, responsive web-based interface. The main objective is to create a minimal yet effective UI that enables users to add, see, and discover the different cultures of the city. The app includes a primary HTML page with five different sections: 1.Home, 2.Attraction, 3.Culture, 4.Gallery, 5.Contact, all themed in a common CSS theme for uniformity. The core technologies employed are HTML5 and CSS3. The end result is a light, easy-to-use City Blog that can be viewed completely in the browser without requiring a backend.

2.Objectives:

- Create an easily accessible interface based on contemporary UI/UX best practices to display financial information in an understandable and appealing manner.
- Create a fully responsive layout based solely on HTML and CSS to guarantee the best view on desktops, tablets, and phones.
- Utilize semantic HTML5 elements to improve code readability, maintainability, and search engine optimization.
- Use uniform CSS styling for branding consistency, layout structure, coloring, and adaptive design.
- Provide accessibility and readability using clear typography, sufficient contrast, and intuitive content organization on all devices.

3. Scope of the Project:

This project is all about the front-end design and development of a personal Blog post. It has a HTML page with incorporates five different sections — all themed consistently with CSS. The interface is built to be entirely responsive to ensure usability on desktop, tablet, and mobile viewports. Development was based solely on open-source tools and pure code, without any proprietary frameworks, to guarantee lightweight performance and ease of customization. The scope does not include advanced authentication, third-party API integration, or multi-dimensional analytics, maintaining the project on a clean, functional, and accessible front-end City Blog.

4. Tools & Technologies Used:

Tool/Technology	Purpose
HTML	Markup and content structure
CSS3	Styling and layout management
VS Code	Code editor

5. HTML Structure Overview:

- **Semantic HTML5 tags used:** <header>, <nav>, <main>, <section>, and <footer> for clear structure and improved accessibility.
- **Page layout divided into reusable sections:** Dashboard Summary, Charts, Transactions, and Savings Goals for organized content presentation.
- **Navigation menu implemented** using lists and <a> anchor links to enable smooth navigation between different pages (Dashboard, Transactions, Savings, Diary).
- **Grid and flexbox layouts** used within sections for responsive arrangement of cards, charts, and data tables.
- **Consistent header and footer** across all pages for branding and easy navigation.

6. CSS Styling Strategy:

External CSS file (style.css) applied for centralized and maintainable styling on all HTML pages. Organized with comments and sections to isolate styling for layout, typography, colors, and responsive rules.

Layout techniques used:

- Flexbox for laying out navigation, summary cards, and chart elements.
- CSS Grid for setting up responsive card layouts and data display areas.

- Media Queries used to achieve optimal display on desktop, tablet, and mobile viewports.
- CSS Variables employed for simple theme customization and uniform color usage across the project.
- Hover effects and smooth transitions used for interactive visual feedback on cards and buttons.
- Mobile-first design strategy followed to optimize small-screen usability first before scaling to larger devices.

7. Key Features:

Feature	Description
Responsive Design	Adapts seamlessly to desktop, tablet, and mobile viewports using Flexbox, Grid, and media queries.
Smooth Navigation	Consistent header with easy navigation links.
Summary Cards	Grid-based cards displaying the main tourist attractions
Gallery Section	Dedicated area for displaying the different locations and attractions
Accessible Fonts & Colors	High-contrast color scheme and clear typography for readability across devices.

8. Challenges Faced & Solutions:

Challenge	Solution
Overlapping elements on small screens	Implemented media queries to stack and resize elements for better mobile layout.
Difficulty aligning items using float	Replaced floats with Flexbox and CSS Grid, enabling cleaner and more responsive alignment.
Typography scaling inconsistencies	Switched to relative units (em/rem) instead of fixed pixels to ensure proportional scaling across devices.

9. Outcome:

- Achieved a clean, consistent, and visually engaging front-end layout
- All key components function as intended using just HTML and CSS
- Learned about layout responsiveness and UI hierarchy in depth

10. Future Enhancements:

- Add JavaScript for interactivity (form validation, dynamic content)
- Integrate animations or transitions
- Backend integration for form submission
- Theme toggler (light/dark mode)

11. Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Favorite City Blog</title>
  <link rel="stylesheet" href="css/style.css">
</head>
<body>

  <header class="main-header">
    <nav>
      <ul class="flex-nav">
        <li><a href="index.html">Home</a></li>
        <li><a href="attractions.html">Attractions</a></li>
        <li><a href="culture.html">Culture</a></li>
        <li><a href="gallery.html">Gallery</a></li>
        <li><a href="contact.html">Contact</a></li>
      </ul>
    </nav>
    <div class="hero-section">
      
      <div class="hero-text">
        <h1>My Favorite City Blog</h1>
```



```
<p><strong>Kodaikanal </strong>The Princess of the Hills!</p>
</div>
</div>
</header>

<main>

  <section class="city-intro">

    <h2>About the City</h2>

    <p>Kodaikanal is known as the <em>"Princess of Hills"</em> and is a
popular hill station in Tamil Nadu, India. It's renowned for its natural beauty,
including lakes, waterfalls, and forests. The town is situated in the
<strong>Palani Hills</strong>, part of the Western Ghats, at an elevation of
7,200 feet (2,100 meters). </p>

  </section>

  <section class="featured-posts">

    <h2>Featured Posts</h2>

    <div class="post-grid">

      <article class="post-card">

        <h3>Pillar Rocks</h3>

        <p>Pillar Rocks in Kodaikanal are a set of three massive granite
pillars, towering at approximately 400 feet, offering breathtaking views of the
surrounding landscape.</p>

        <a href="#">Read More</a>

      </article>

      <article class="post-card">

        
```

Pine Forest

<p>The Pine Forest in Kodaikanal is a must-visit for any new tourist seeking a peaceful escape into nature. As you wander through the towering pine trees, you'll be treated to a serene and tranquil atmosphere, perfect for a leisurely walk or a picturesque photo shoot.</p>

[Read More](#)

<article class="post-card">

Silver Cascade Waterfalls

Silver Cascade Falls is a popular waterfall located near Kodaikanal in Tamil Nadu, India. It's known for its scenic beauty and is a popular stop for tourists visiting Kodaikanal.

[Read More](#)

</article>

<section class="Google-Maps">

<div class="maps">

Location

<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d62821.05
3484158525!2d77.45712046275516!3d10.236090509584901!2m3!1f0!2f0!3f0!
3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3b0766637f0a0387%3A0x9ffae93737
58c13c!2sKodaikanal%2C%20Tamil%20Nadu!5e0!3m2!1sen!2sin!4v1755039
345088!5m2!1sen!2sin" width="600" height="450" style="border:0;"
allowfullscreen="" referrerpolicy="no-referrer-when-downgrade"></iframe>

```

<aside class="newsletter-signup">
  <h3>Stay Updated!</h3>
  <p>Sign up for our newsletter to get the latest blog posts and city news
  directly in your inbox.</p>
  <form>
    <input type="email" placeholder="Your email address" required>
    <button type="submit">Sign Up</button>
  </form>
</aside>

<footer class="main-footer">
  <p>&copy; 2025 My Favorite City Blog. All rights reserved.</p>
</footer>


</body>
</html>

```

12.Screenshots of Final Output




Featured Posts



Pillar Rocks

Pillar Rocks in Kodaikanal are a set of three massive granite pillars, towering at approximately 400 feet, offering breathtaking views of the surrounding landscape.


[Read More](#)



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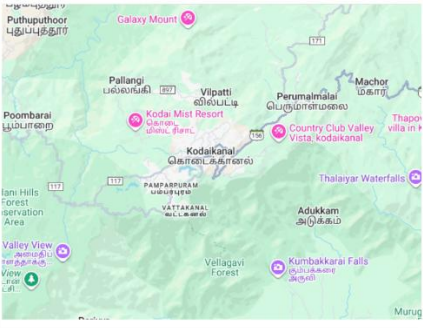
[Read More](#)

Location

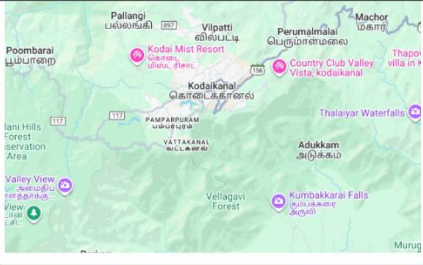


[Read More](#)

Location



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13. Conclusion:

This is a Personal Blog UI that is meant to display the favourite City of the user in a clean, responsive layout. This was created purely with HTML and CSS, with emphasis on contemporary UI principles, semantic structure, and cross-device compatibility.

By doing this mini project, I deepened my front-end development skills with the hands-on experience of using responsive design, Flexbox/Grid layouts, and color/typography choices for accessibility. I also learned how crucial it is to have a user-centered and visually consistent layout and how it should be made adaptable to various screen sizes. The process deepened my knowledge about user-centered web design and the use of CSS transitions in enhancing interactivity and engagement.

14. References:

L&T LMS:

<https://learn.lntedutech.com/Landing/MyCourse>