**FAVORITE CITY INFORMATION**

**UI/UX Design Fundamentals - Christ University**

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**Abstract**

This report describes the development of the "Paris City Guide" website, a static platform designed to provide information on Paris' attractions, restaurants, activities, events, and contact details. The project utilizes HTML for structure, CSS for custom styling, and Bootstrap for responsive design, aiming to create an accessible and visually appealing guide that enhances the user experience across various devices.

**Objectives**

* Develop a comprehensive online guide showcasing Paris' key features.
* Implement HTML, CSS, and Bootstrap to ensure a responsive and aesthetically pleasing design.
* Include dedicated sections for Introduction, Popular Attractions, Restaurants & Cafés, Things To Do, Local Events, and Contact.
* Optimize the website for different screen sizes and ensure easy navigation.

**Scope of the Project**

The project focuses on a static website with sections for Introduction, Popular Attractions, Restaurants & Cafés, Things To Do, Local Events, and Contact. It excludes dynamic features such as database integration or form submissions. The scope is limited to front-end development, targeting both desktop and mobile users, with Bootstrap's JavaScript for basic interactivity.

**Tools & Technologies Used**

* **HTML5**: For semantic content structure.
* **CSS3**: For custom styles, including a hero section with a background image and text shadow.
* **Bootstrap 5.3.2**: For responsive layouts, navigation, and card components.
* **Visual Studio Code**: As the primary code editor.
* **External Resources**: Images sourced from Wikimedia Commons and local files (e.g., eiffel.jpg, Louvre\_museum.jpg, Notre\_Dame\_Cathedral.jpg).

**HTML Structure Overview**

The HTML structure uses semantic tags and Bootstrap classes for layout:

* A <nav class="navbar"> with a collapsible menu linking to sections via IDs (Introduction, Attractions, Restaurants, Things To Do, Events, Contact).
* A <div class="hero"> featuring a full-screen background image with centered welcome text.
* <section> elements for each content area, using Bootstrap classes like container, row, and col-md-4 for layout.
* A <footer> with copyright and technology credits.
* Images embedded within Bootstrap card components for a consistent display of attractions.

**CSS Styling Strategy**

* Custom styles in <style> tag include a light gray background (#f8f9fa) for the body.
* The .hero class uses a background image from Wikimedia Commons, with height: 60vh, centered text via Flexbox, and a text shadow for readability.
* The footer has a dark background (#212529) with white text, centered alignment, and padding.
* Bootstrap's default styles are enhanced with custom classes for a cohesive look.

**Key Features**

* **Responsive Navigation**: Collapsible navbar with hamburger menu for mobile devices.
* **Hero Section**: Full-screen image with "Welcome to Paris" text.
* **Attraction Cards**: Three-column layout on desktop, featuring Eiffel Tower, Louvre Museum, and Notre-Dame Cathedral with images and descriptions.
* **List Formats**: Restaurants and Events displayed in list-group and unordered lists, respectively.
* **Contact Info**: Static email and phone details.

**Challenges Faced & Solutions**

* **Challenge: Image Loading Issues**: Missing local images (e.g., eiffel.jpg, Louvre\_museum.jpg) caused display errors. **Solution**: Ensured fallback to Wikimedia Commons images and added alt text for accessibility.
* **Challenge: Text Readability on Hero**: White text blended with the background image. **Solution**: Applied text-shadow: 2px 2px 5px black to improve contrast.
* **Challenge: Mobile Layout**: Navbar and cards overlapped on small screens. **Solution**: Utilized Bootstrap's responsive classes (col-md-4, navbar-expand-lg) and tested with DevTools.

**Outcome**

The website successfully delivers a static, responsive guide to Paris, with a clean design and organized content. It effectively showcases key attractions and provides useful information for visitors, though it lacks interactive features due to its static nature.

**Future Enhancements**

* Add a gallery with more attractions and interactive image zooming.
* Implement a contact form with email submission functionality.
* Integrate a map showing attraction locations.
* Include a search feature for restaurants and events.

**Sample Code**

See the provided HTML file for the complete structure and styling.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Paris City Guide</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

<style>

body { background-color: #f8f9fa; }

.hero { background: url('https://upload.wikimedia.org/wikipedia/commons/e/e6/Paris\_as\_seen\_from\_the\_Tour\_Saint-Jacques\_2011\_03.jpg') center/cover no-repeat; height: 60vh; color: white; display: flex; align-items: center; justify-content: center; text-shadow: 2px 2px 5px black; }

footer { background: #212529; color: white; text-align: center; padding: 15px; margin-top: 30px; }

</style>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<div class="container">

<a class="navbar-brand" href="#">Paris Guide</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ms-auto">

<li class="nav-item"><a class="nav-link" href="#intro">Introduction</a></li>

<li class="nav-item"><a class="nav-link" href="#attractions">Attractions</a></li>

<li class="nav-item"><a class="nav-link" href="#restaurants">Restaurants</a></li>

<li class="nav-item"><a class="nav-link" href="#things">Things To Do</a></li>

<li class="nav-item"><a class="nav-link" href="#events">Events</a></li>

<li class="nav-item"><a class="nav-link" href="#contact">Contact</a></li>

</ul>

</div>

</div>

</nav>

<div class="hero"><h1>Welcome to Paris</h1></div>

<section id="intro" class="container my-5"><h2>Introduction</h2><p>Paris, the capital of France, is known worldwide as the "City of Light."</p></section>

<footer><p>@2025 Paris City Guide | HTML, CSS, Bootstrap</p></footer>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

**Screenshots of Final Output**

**A white background with text

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Conclusion**

The "Paris City Guide" website meets its objectives as a static informational platform, leveraging Bootstrap for efficiency and custom CSS for unique styling. While functional, future enhancements could add interactivity and expand content.

**References**

* Bootstrap Documentation: <https://getbootstrap.com/docs/5.3/>
* Wikimedia Commons: <https://commons.wikimedia.org/>
* Favorite city blog information css,bootstrap,html file