

BENGALURU – THE GARDEN CITY

HTML & CSS Mini Project

Submitted By:

Sonal Joy - 2462151,

Shanthanu Raj Pillai - 2462145,

Jonathan Anthony- 2462089

College Email ID:

sonal.joy@btech.christuniversity.in

shanthanu.raj@btech.christuniversity.in

jonathan.anthony@btech.christuniversity.in

Course: UI/UX Design Fundamentals

Instructor Name: Mr. Dhiraj

Institution: Christ University- School of Engineering and Technology

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Abstract

This project presents a responsive web page showcasing the city of Bengaluru, integrating cultural richness, tourist attractions, and user interactivity through a clean design. Built using HTML and CSS, the website highlights key destinations such as Lalbagh Botanical Garden, Cubbon Park, Bangalore Palace, and Commercial Street. It also celebrates the city's cultural heritage with features on Yakshagana, Dasara Festival, and Karnataka cuisine. The design follows modern UI/UX principles with Flexbox and Grid layouts for responsiveness. This project demonstrates effective use of semantic HTML, media-friendly layouts, and an interactive suggestion form, making it informative and visually engaging for visitors.

Objectives

- Create a visually appealing and responsive city showcase website.
- Use semantic HTML elements for proper content structure.
- Implement CSS Grid and Flexbox for layout management.
- Highlight Bengaluru's top attractions and cultural richness.
- Include an interactive suggestion form for user engagement.

Scope of the Project

Focused entirely on front-end development using HTML and CSS.
Designed for desktop, tablet, and mobile devices.
Includes images, descriptive content, and form elements.
No JavaScript or backend functionality implemented.

Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling and responsive layout
VS Code	Code editor
Chrome DevTools	Testing and debugging
Flexbox & Grid	Layout design

HTML Structure Overview

- Semantic tags used: <header>, <section>, <div>, <form>.
- Sections: Introduction, Top Attractions, Culture, Suggestions Form.
- Image elements for visual representation of attractions and culture.

CSS Styling Strategy

- External CSS in <style> tag within HTML.
- Layouts implemented with Flexbox and Grid.
- Media queries for responsive behavior.
- Color schemes inspired by natural and cultural themes.
- Hover effects for interactivity on elements.

Key Features

Feature	Description
Responsive Design	Adapts layout for various screen sizes
City Showcase	Highlights attractions and cultural aspects of Bengaluru
Grid Layouts	Structured presentation of attractions and culture
Suggestion Form	Collects user feedback
High-Quality Images	Enhances visual appeal

Challenges Faced & Solutions

Challenge	Solution
Aligning grid items evenly	Used CSS Grid with grid-template-columns
Making images consistent in size	Applied object-fit: cover and fixed dimensions
Centering the suggestion form	Used margin: 0 auto with a max-width setting

Outcome

The project successfully delivers a clean, responsive, and user-friendly city showcase webpage using only HTML and CSS. It demonstrates structured layout design, cultural storytelling, and aesthetic visuals while reinforcing core front-end development skills.

Future Enhancements

- Add JavaScript for form validation and interactivity.
- Integrate backend for storing suggestions.
- Include a gallery carousel for attractions.
- Add language selection for a wider audience.

Conclusion

This project provided hands-on experience in designing and developing a responsive city information website. It enhanced my understanding of semantic HTML, CSS Grid, and Flexbox, while encouraging creativity in content presentation. Through this, I learned how to combine cultural and tourist information with modern web design techniques to create an engaging and informative digital experience.