Deliverable: Final Project – Interactive Frontend Website on Goa Tourism

Objective

The aim of this deliverable is to assess students' ability to apply frontend development skills to design an engaging, responsive, and interactive website. Learners will create a website focused on tourism in Goa, using **Vanilla HTML, CSS, and JavaScript** or **no-code platforms like Wix** to present content dynamically and professionally for stakeholders like travelers, businesses, and tourism boards.

Project Brief

You are required to conceptualize and build a fully functional **website** that highlights trends, attractions, and important information about tourism in Goa. The website should demonstrate the application of core frontend skills learned during the course including responsive design, layout structuring, basic interactivity (through JavaScript), and aesthetic presentation (through CSS frameworks or custom styling).
While a few suggested themes are mentioned, students are encouraged to bring creativity, functionality, and storytelling into their web projects to make them engaging and user-friendly.

The focus is on building a **professional, clear, and interactive frontend experience**.

Suggested Themes and Content Angles

You may explore any of the following themes, or propose your own related to Goa tourism:

- **Top Attractions:** Showcasing famous beaches, forts, churches, and nature spots.

- **Travel Guides:** Local food, festivals, shopping, and cultural experiences.

- **Tourist Footfall and Statistics:** Create simple charts/graphs (with libraries like Chart.js) to show visitor data.

- **Stay and Transport Information:** Hotels, Airbnb options, local transport guides.

- **Sustainability & Eco-Tourism:** Promoting green travel initiatives in Goa.

- **Itinerary Planner:** Help users design a 3-day or 5-day trip using interactive forms.

- **Photo Gallery:** A well-organized and aesthetic image gallery showcasing Goa's beauty.

- **Reviews/Testimonials Section:** Integrate user review cards or testimonial sliders.

Website Requirements

Your website should include:

- **Responsive Design:** Mobile-first approach; should work on desktops, tablets, and mobiles.

- **Interactive Elements:** Examples include sliders, popups, carousels, accordions, or interactive forms.

- **Dynamic Content:** Using JavaScript to load/display content dynamically (eg: tab navigation, form validation, or fetching sample data via API/fake JSON).

- **Navigation:** Clear navigation bar, footer, and link structure.

- **UI Elements:** Buttons, cards, sections, and call-to-actions with consistent design.

- **Code Best Practices:** Proper use of HTML semantics, CSS classes, JS functions, and comments.

Deliverables

You must submit the following:

- **Deployed Website Link:** Upload your project on GitHub Pages, Vercel, Netlify, or any other free hosting platform. Ensure it is publicly accessible.

- **Project Summary Document (ppt/pdf):**

  - Purpose and audience of your website

  - Key features and functionalities implemented

  - Approach to website design and development

  - Any challenges faced and how they were solved

  - Future improvement areas (if any)

Evaluation Criteria

Criteria	Weight
Website Design & Layout	20%
Responsiveness & Cross-device Compatibility	20%
Interactivity & Functionality	20%
Content Presentation & Storytelling	25%
Documentation & Clarity	15%

Additional Guidelines

- **Creativity is encouraged**, but user experience and professionalism are top priorities.

- Ensure accessibility best practices where possible (alt text, contrast, keyboard navigation).

- Work in teams of 2–3 (each team member should be comfortable explaining all sections).

- **Academic Honesty:** All code must be your original work unless otherwise sourced with attribution.

- Submissions must be made by the deadline to be evaluated.