

W04 Final Project: Application Proposal

Overall

Idea

The project's goal is to create a weather webpage specifically for beach goers, with accurate weather information and travel advisory details for various beach destinations. The goal is to help travelers plan their beach trips effectively by providing comprehensive weather forecasts and relevant travel advisories.

Overview

Problem Statement

Travelers frequently have difficulty locating reliable weather information tailored specifically to beach destinations. While general weather forecasts are available, they may not be specific or applicable to beach conditions. Travelers may also need additional information, such as travel advisories, to make informed travel decisions.

Audience

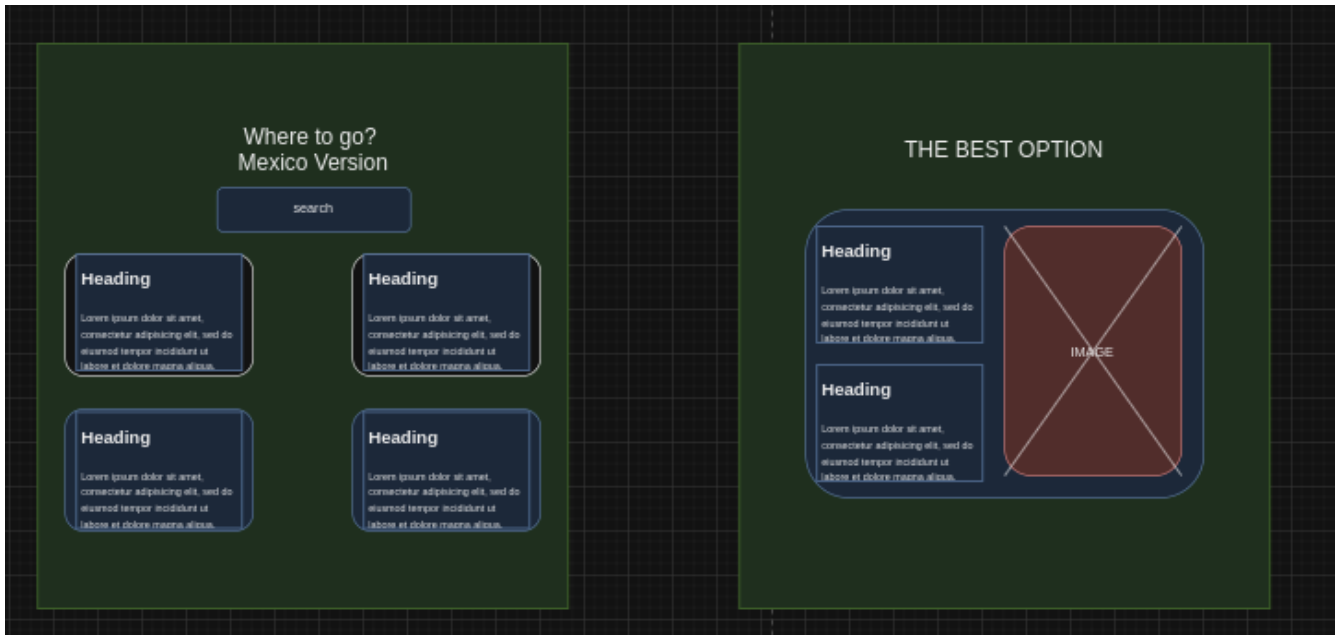
This project's target audience consists of beach goers looking for accurate weather forecasts and travel advisories for their destinations. This could range from individuals planning a relaxing beach vacation to professionals organizing beach events or excursions.

Major Functions

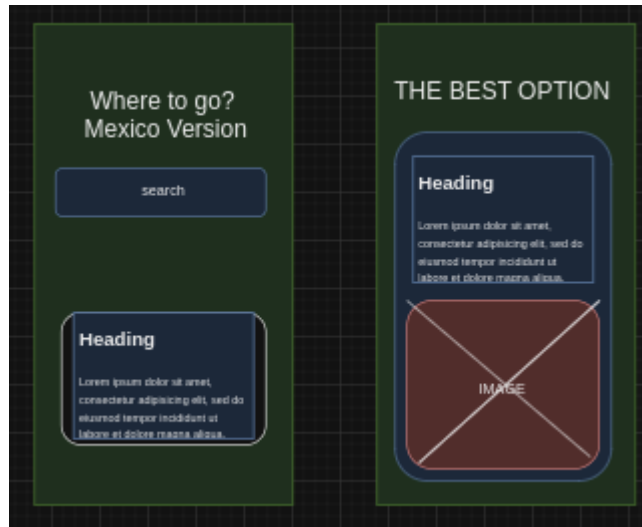
Weather Forecast Display	<ul style="list-style-type: none">• Show current weather conditions (temperature, wind speed, humidity, etc.).• Provide hourly and daily forecasts.• Include weather icons to represent different conditions (sunny, cloudy, rainy, etc.).
Beach-Specific Weather Data	<ul style="list-style-type: none">• Offer weather details relevant to beach conditions (UV index, tide times, water temperature, etc.).
Destination Search	<ul style="list-style-type: none">• Allow users to search for specific beach destinations.• Provide auto-suggestions based on user input.
Travel Advisory Integration	<ul style="list-style-type: none">• Integrate travel advisory APIs to display relevant information about beach destinations (restrictions, safety advisories, etc.).
User Preferences	<ul style="list-style-type: none">• Allow users to set preferences for preferred units (temperature, wind speed, etc.).
Responsive Design	<ul style="list-style-type: none">• Ensure compatibility and usability across various devices (mobile-desktop).

Wireframes

DESKTOP



MOBILE



Data Sources

- Weather API: Fetch real-time weather data for different beach destinations.
- Travel Advisory API: Retrieve travel advisories and safety information for beach destinations.

Initial Module List

1. Weather Forecast Module
2. Destination Search Module
3. Travel Advisory Integration Module
4. User Preferences Module
5. Responsive Design Module

Colors, Typography, and Specific Element Styling

- Colors: Coastal colors such as blue, turquoise, and sandy beige for a beach-themed aesthetic.
- Typography: Use clean and readable fonts with a modern feel, suitable for both mobile and desktop.
- Specific Element Styling: Incorporate beach-themed icons and imagery for visual appeal.

Schedule

DAY 1-2	<ul style="list-style-type: none">• Define the project's requirements and goals.• Investigate weather APIs and travel advisory sources. Create pages for both mobile and desktop views.
DAY 3-4	<ul style="list-style-type: none">• Set up the project environment and version control.• Implement basic functionality such as weather display and destination search.• Begin integrating the travel advisory data.
DAY 5-6	<ul style="list-style-type: none">• Test for functionality and usability.• Collect feedback and make the necessary adjustments.• Finalize the styling and design elements.
DAY 7	<ul style="list-style-type: none">• Move the weather website to a hosting platform.• Conduct final testing in a live environment.• Resolve any last-minute issues or bugs.

Trello Board

<https://trello.com/invite/b/KtJKjAba/ATTIac3025dfbb08158874f5beb2a49c59428DFEE727/w04-final-project-application-proposal>