ECO TOUR CHICAGO:
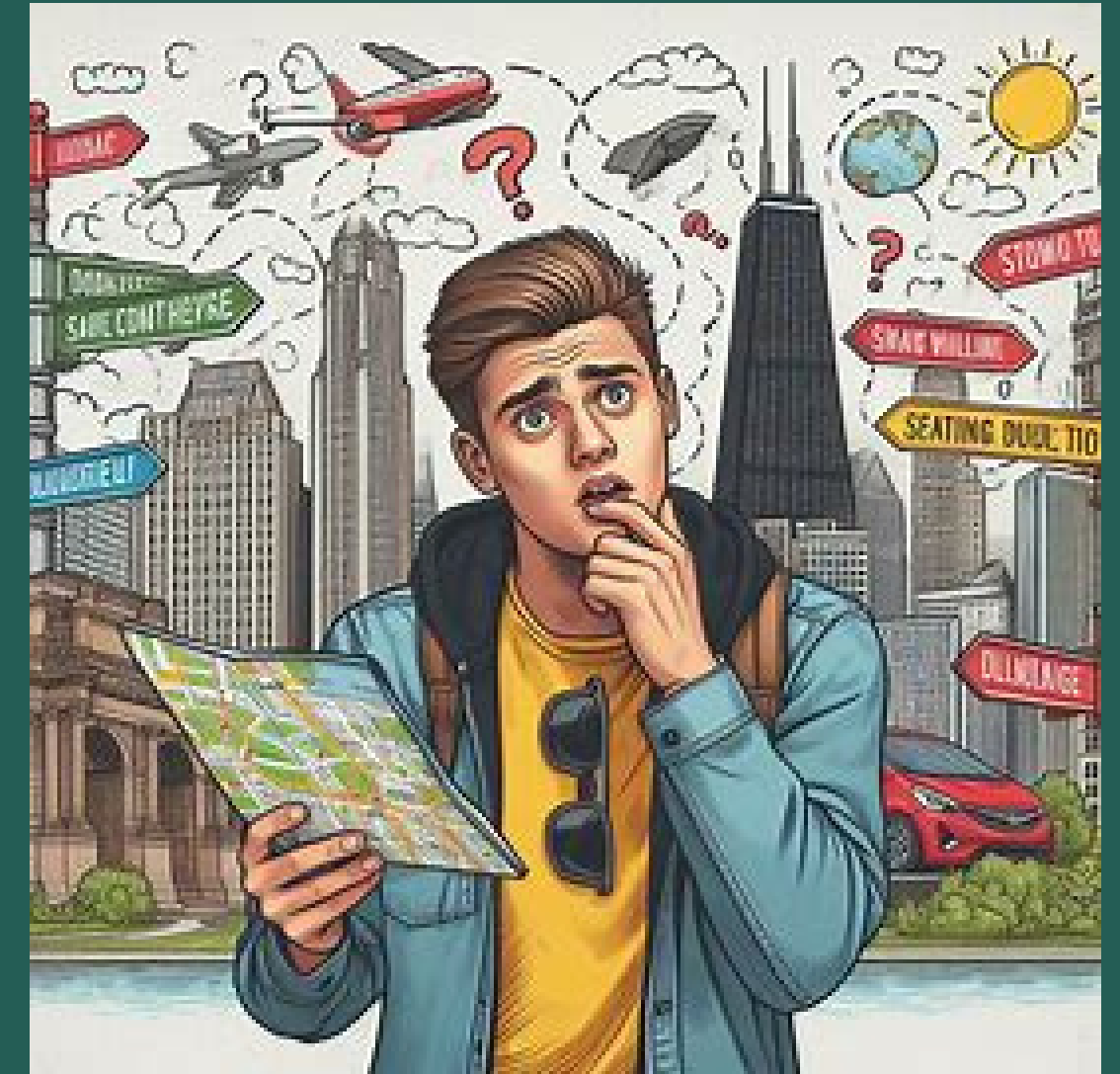
AI-Powered Sustainable Travel

- CHICAGO -

Scarlet hacks

PROBLEM STATEMENT :

Artificial intelligence for sustainable Tourism

Tourist Dilemma : Navigating Sustainable Exploration in Chicago

Current Challenges :

Crowded Attractions

Local Insight

Accessibility Issues

Weather Uncertainty

Cost Constraints

Lack of awareness or understanding of local customs, etiquette, and cultural leading to potential misunderstandings or discomfort.

Solution

Developed a revolutionary web platform elevating sustainable tourism in Chicago with AI-powered personalized recommendations for eco-friendly attractions and optimized travel destinations, including time suggestions, weather prediction, and hotel booking integration. Addressing the rising demand for responsible tourism, the platform strives to mitigate environmental impact within the city.

UI/UX
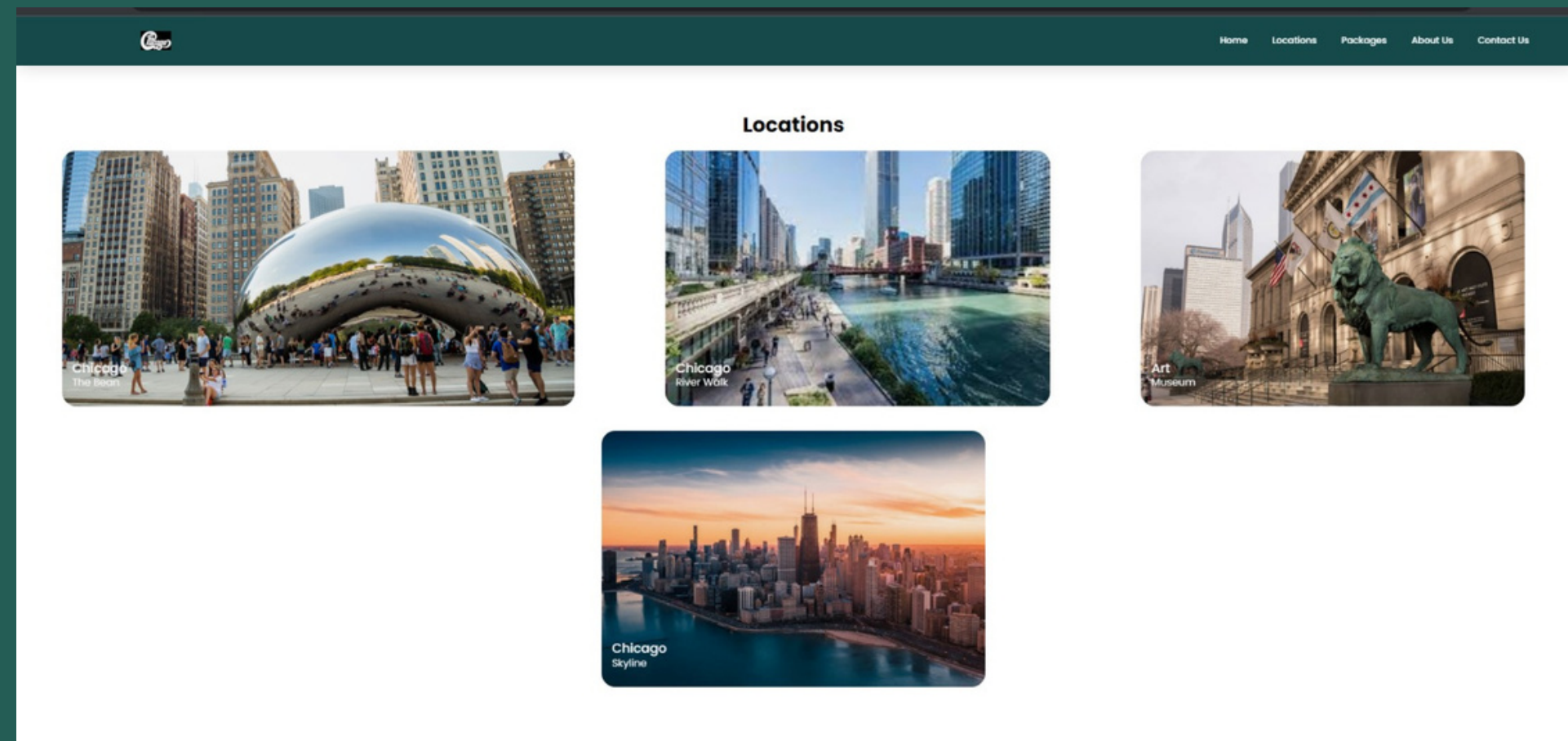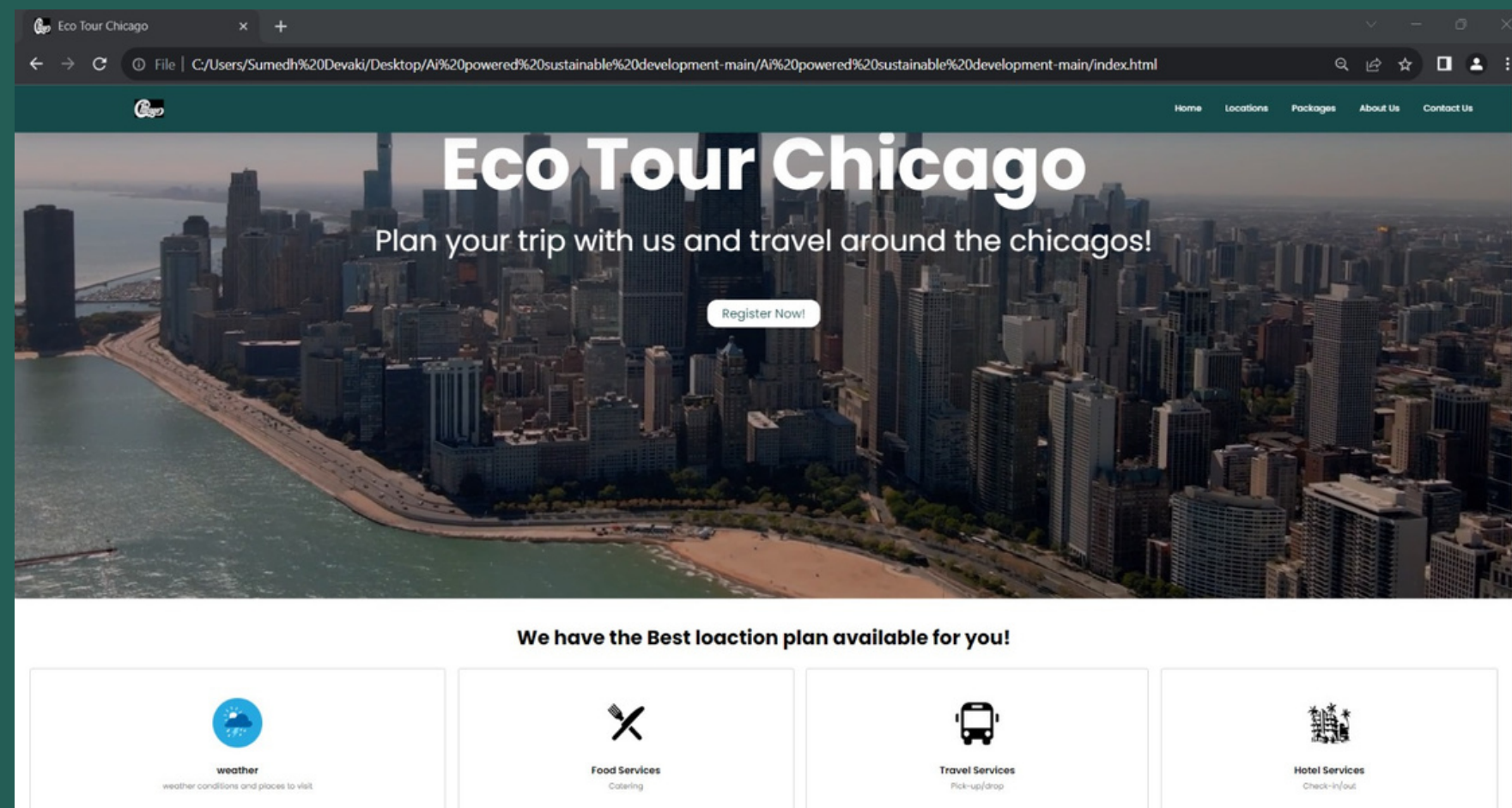
ALGORITHM/ API

Maps : The Google Maps API offers mapping and location-based services to integrate it , leveraging geographic data, street views, and real-time traffic for features like directions and places search. While not relying on specific algorithms, Google Maps employs advanced data processing and rendering techniques to deliver precise and up-to-date mapping information.

Weather :

Weather APIs grant access to weather data like current conditions and forecasts for specific locations, drawing information from meteorological agencies, weather stations, and satellites. While weather services may employ algorithms for forecasting, the APIs mainly serve as interfaces for accessing weather data.

Further process :

We've incorporated a chatbot that customizes users' schedules by factoring in weather conditions and travel times, ensuring personalized daily itineraries. Additionally, the integration includes seamless hotel booking within the schedule, enhancing comfort for tourists.

Can I help?

yes

provide me the location name

I want to visit Chicago bean please plan the schedule with the hotels and place timing and weather report

Yes sir

Here's the plan

Chicago bean
Timings : 9 am to 9 Pm
Location : Millenium Park
Hotels : Hilton
Weather : Sunny

Aa