PERSONAL & PLANNING

JUSTRIP

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JUSTRIP

Judging

Perceiving

**Whether you're a J who loves to plan,
or a P who prefers to go with the flow,
JusTrip is built for you.**

Judging
VS
Perceiving

"The bus is running late, and now my whole itinerary is delayed… What should I do next?"

"It's raining, so my outdoor plans are ruined… I wish I had prepared some indoor alternatives in advance."

Judging
VS
Perceiving

1. INTRODUCTION -JUSTRIP

JusTrip is a smart web application that allows users to enter a city, date, interest and receive personaliszed travel activity recommendations based on real-time weather data.

PROBLEM STATEMENT

basic info

After manual research, users are left with simple info apps that lack rich, contextual details.

regional limits

Many similar web apps are focused only on Korea or specific countries, lacking global scalability.

no personalization

They do not reflect real-time weather, user preferences, or budget — only fixed destinations and optimal paths.

manual effect

Users must manually research and compare information across multiple platforms and sources.

TARGET

Why JusTrip is Especially Useful

Especially helpful for beginner or spontaneous travelers

For those who are not used to planning or are going on a one-day or short trip, quick decisions are essential.

→ AI can instantly suggest personalized activities based on the situation.

A real-time, on-the-spot service during the trip

After arriving at the destination, travelers can adjust plans depending on the weather or sudden changes.

→ Can be used right away via mobile, making it easy to respond flexibly on the go.

Slimplicity

The platform must be easy to use with minimal steps.

Visibility

Clear and organized display of recommendations.

Instant Use

No complex setup, no login required to get started.

Adaptability

Recommendations should respond to changes in weater, budget, or personal interest.

KEY CHARACTERISTICS

DESIGNED FOR REAL TRAVELERS

Judging
VS
Perceiving

"Smart detours, fast recovery."

JusTrip quickly suggests alternative places or activities based on your current location and real-time weather, helping you get back on track without the stress.
With key details like travel time, cost, clothing, and essentials clearly displayed, you can quickly make a new plan and keep your trip smooth.

Judging
VS
Perceiving

"Nice! I didn't have to waste time figuring it all out again."

Judging

VS

Perceiving

"I suddenly feel like going on a trip! Any good places to go?"

No stress, no planning just trip!

JusTrip provides real-time, weather-based suggestions with clear details like travel time, cost, and essentials, P-type users can make fast decisions that match their spontaneous travel style—no stress, no planning, just go.

Judging

VS

Perceiving

"Oh wow, this is perfect! I didn't even have to plan —JusTrip just gave me great ideas right away."

DEMO VIDEO

PROBLEM STATEMENT

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manual effect

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System Architecture

Google Weather API

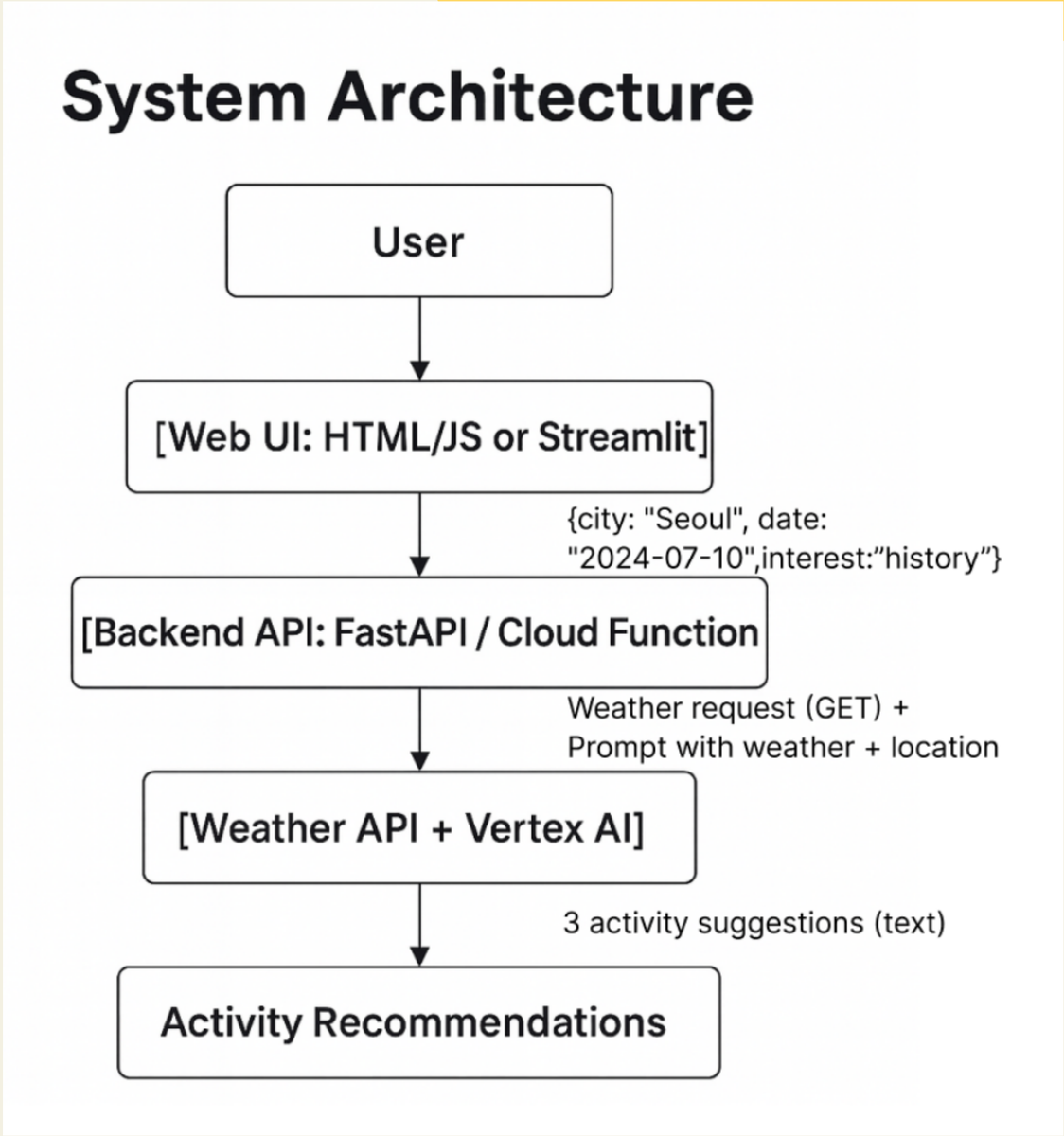
→ Weather data

Vertex AI Prompt

→ based activity generation

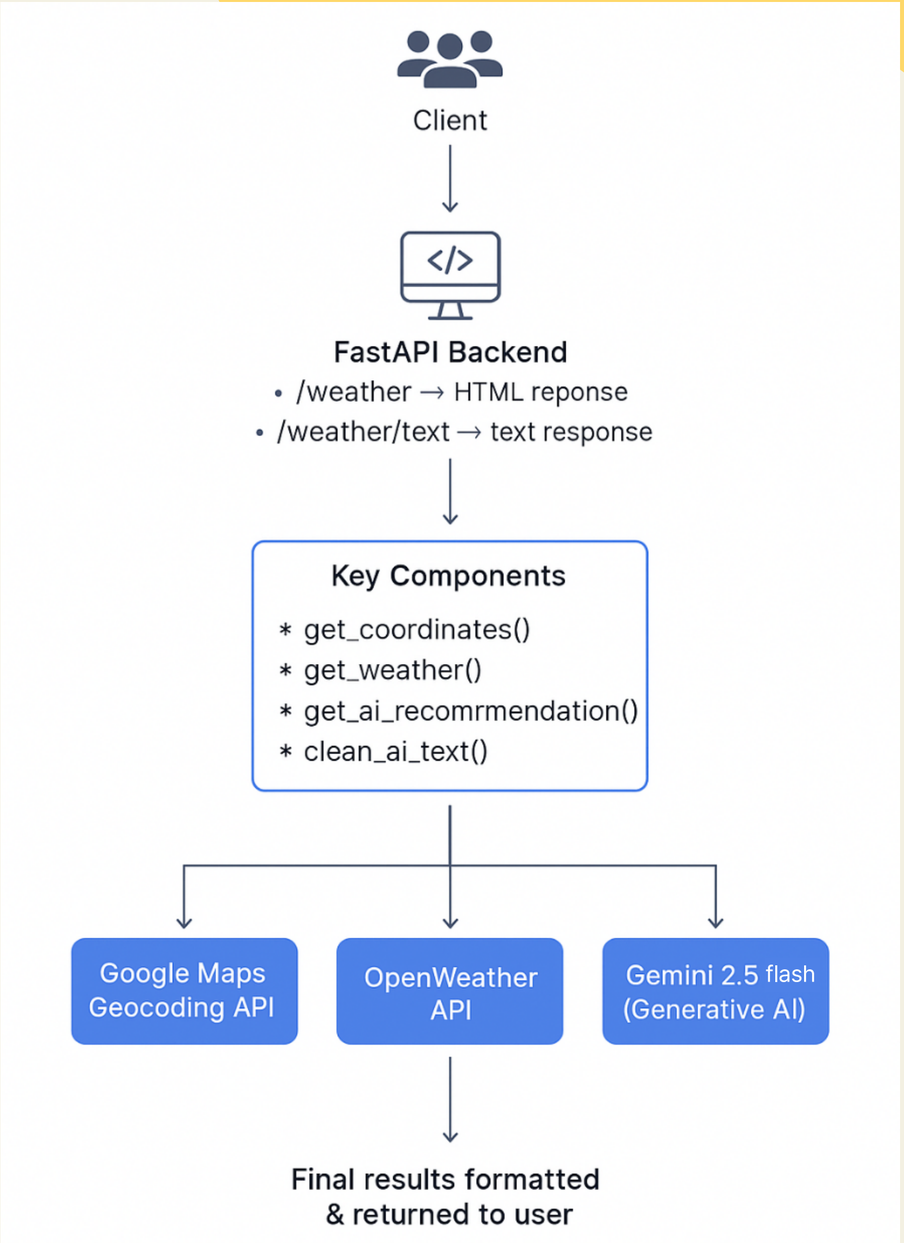
GCP / Firebase

→ Hosting & Functionality



System Architecture

API SERVER	FAST API
ADDRESS CONVERSION	GOOGLE MAPS API
WEATHER LOOKUP	OPEN WEATHER API
AI RECOMMENDATION	gemini2.5 FLASH
KEY MANAGEMENT	.env + dotenv
RESPONSE FORMAT	html/text



CONCLUSION & FUTURE WORK

mobile app development	"nearby recommendation" based on GPS	Integration of real time public transport APIs	Monetization via ads and sponsored recommendations	"Share my trip"
Turn the web service into a mobile app so users can instantly check and follow travel suggestions on the go.	Add a button that gives instant nearby suggestions based on the user's real-time location.	Use transport APIs to show not just travel time but detailed route options like bus or subway.	Highlight sponsored places in recommendations to generate revenue and enable business partnerships.	Let users download their trip plans as PDF files for easy sharing or personal use.

THANK YOU FOR LISTENING