

Project

SLIDES

<https://docs.google.com/presentation/d/1PzTo5kPRvIkQUZgzxDaWfQkObMdpNvK5ZKwb6046bhw/edit?usp=sharing>

TO DO NOW:

TO DO LATER:

Potential App Names:

Idea:

METROPOLIS THEMED Develop an app that identifies events and uses AI reasoning to build an itinerary that optionally can be converted into an .ics file.

Sponsor/Target Track:

- Beginner track
- Fetch.ai
- Visa
- Metropolis
- Best Domain

Frontend:

React Native

Backend:

- FastAPI (Python)
Make calls from FastAPI to fetch.ai

Gemini API

- It takes the user's messy text and your search data to build the final plan. Use **"Structured Outputs"** (JSON mode) so the AI always gives you data in the same format.
- <https://ai.google.dev/gemini-api/docs>

SerpApi (Google Events)

- It literally "Googles" the events for you. Instead of 5 different event APIs, just use this one to get everything from festivals to local workshops.
- <https://serpapi.com/dashboard>

User Flow:

The user opens up the app and is greeted with a Welcome screen that fades down and a “Continue” button fades down a few seconds after (we could add sign in information later if time permitting)

- This webpage could also include a short blurb explaining what the product does

After clicking on the button, the user is met with a screen that asks: “What city are you looking to explore?”

- After entering a city, the app can have the ability to autofill the state but also let the user change for correction by selecting a state out of a list
- Make sure to have city validation

The next page should ask, “What’s your budget?”

- Maybe have a number field that the user can enter
 - Might need to have stricter user entry regulation
- Or they can select from a list of ranges
 - \$0
 - \$1-\$20
 - \$20-\$50
- Or maybe we can use a slider
- User can click button to move on to next page

The next screen should ask, “Choose a date”

- For now, the user can select one date from a calendar
- If time permitting, they can select a range of dates

The final screen for this questionnaire should be an optional text input that the user can personalize with their preferences that can help guide the AI to tailor the events. Text can be, “Any preferences to make your visit to {enter city name} all the more special?”

- Offer suggestions like, “Do you want to explore the arts scene or maybe go splurging on a shopping spree?”
- There should be two buttons, one that lets the user skip this page and the other should allow them to submit their text entry

After the user submits this information, the AI will take over from here

- Maybe when it processes that information, we can have a loading screen featuring random ass cities that the cool shit available to do there

Once the AI is done loading, it will display the proposed itinerary that it has generated

- It doesn’t have to look good for now, as long as it has the events chronologically ordered from top to bottom, maybe include a description and have times
- There should be a button that the user can click on to allow them to download an .ics file to their device so that they can port to a calendar

(Optional; do if we have time)

- User can delete events that they don't want and resubmit to the AI to fill in the deleted events with other ones
- Maybe have additional prompting text inputs so that they can specify what they want there
- Maybe the AI can offer suggestions for events that the user can approve / include

Reprompt

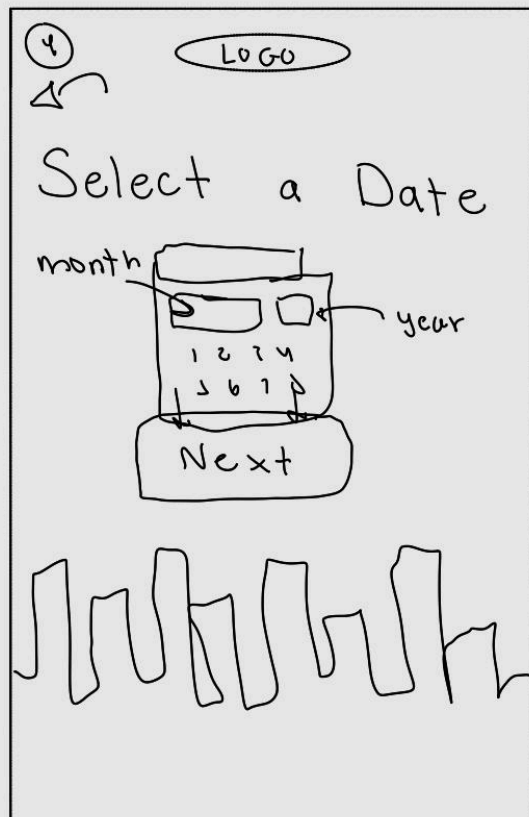
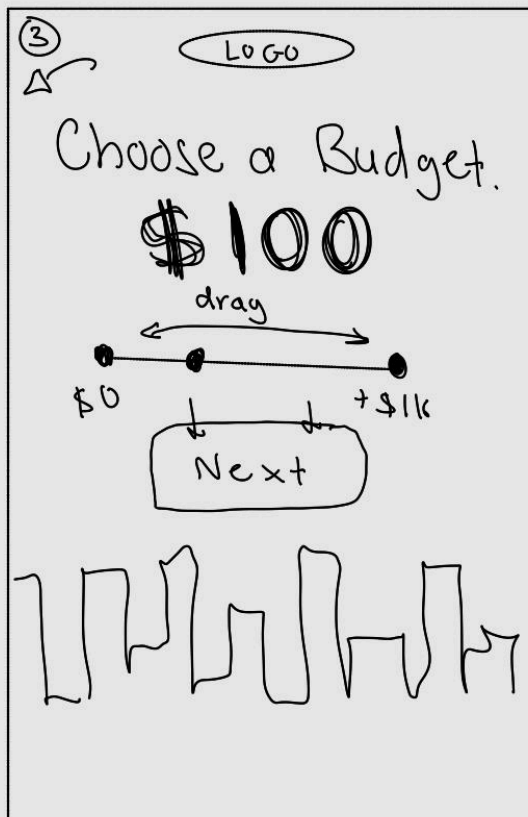
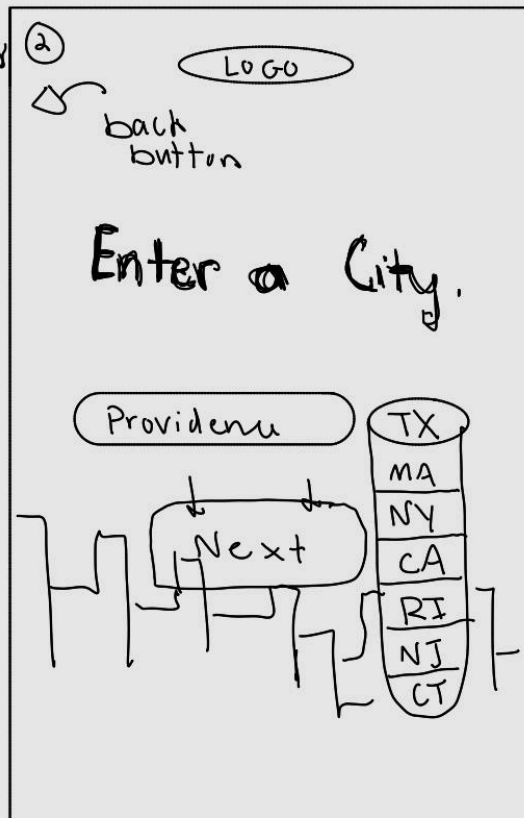
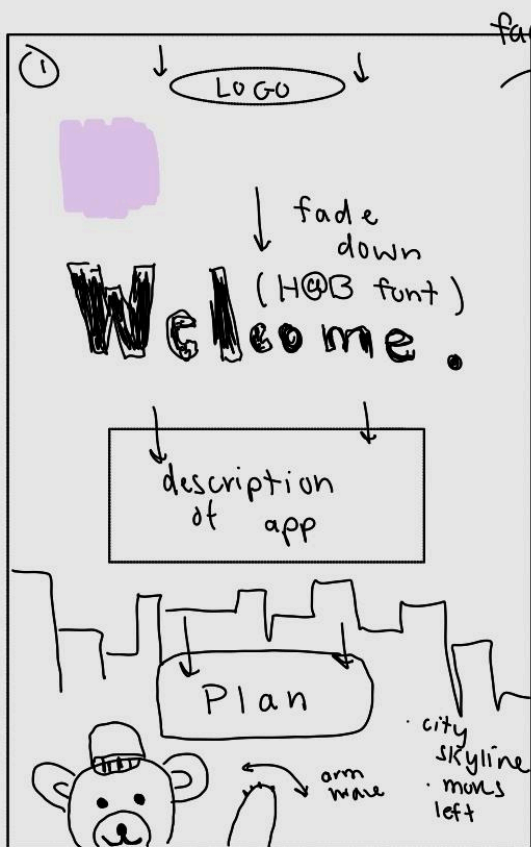
Geographical bias

X button

PDF

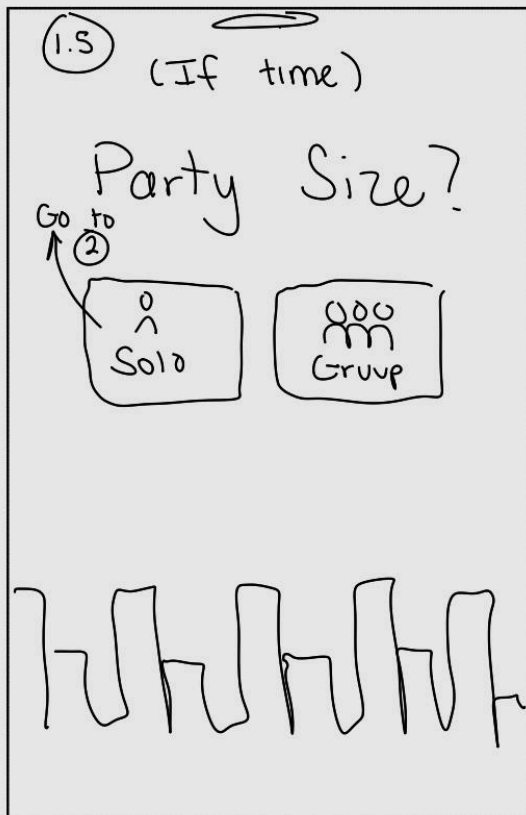
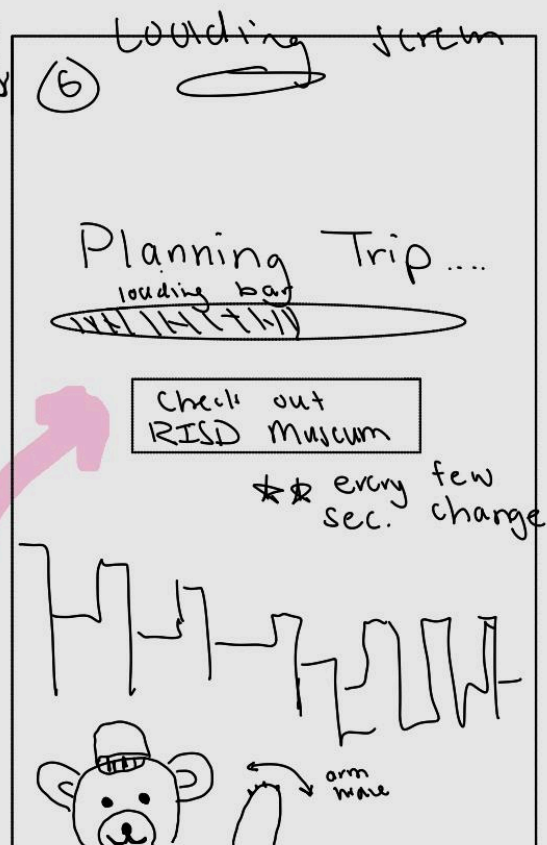
Google Calendar

Change "Logo"





fade to



1.75

(If time)

Add Members

enter their
agent address
or email

Next



Cities:

New York, San Francisco, Providence

Main Features:

- Mobile app / website
- Onboarding flow (Ask for preferences like dietary, disability restrictions)
- UI should have a similar theme as hack brown website.
- Export to .ics

Extra Features:

- Export to PDF?
- Transactional aspect, need to monetize for [Fetch.ai](#)
- Transportation aspect, integrate travel time + expenses for ridesharing/bus routes

EXTRA IDEA

Friends come together to form a schedule each with a personalized agent.

Google calendar makes sure you are free.

Google maps API to track time in between.

Problems:

We couldn't find an agent to book events so we had to create our own.

~~SUBMIT Intention to Submit FORM~~

THINGS TO SUBMIT:

GOOGLE FORM :

https://docs.google.com/forms/d/e/1FAIpQLSe5Z3syQib67vJ_2aZTbp0_KiDtg8VitywlsbtnTexmSd7o8g/viewform?pli=1

GITHUB

DEVPOST (VIDEO TOO)

MAKE A PRESENTATION

6 MINUTES PRESENTATION AND Q&A

Theme Panel Notes

- Explain how your careers are related to urban planning / infrastructure and it's connection to CS
 - Google employee
 - Specializes in ranking
 - Originally worked in business administration
 - Startup Co Founder
 - SWE, energy analysis, physics simulation, databases, CV, staff engineering
 - Mainly managing staff
 - MBTA
 - Manages software developers
 - Developing applications to deliver outcomes
 - - Insurance programs to ensure safer driving habits
 - Transportation
 - Plan accessibility
 - Federal agency
 - Pilot program for autonomous shuttle in Providence
 - Set up grant to fund
 - Urban planning mixing with technology
 - Former Mea employee, Current VP of engineering at Metropolis (the company)
 - 0 to 1 projects / startups
 - 25 years of experience
 - Fintech
 - Scaling ML across regions
 - Context engineering
- How has technology advancement / legislation affected your work?
 - [Tiger.io](#) for geography, development of tools based on community feedback
 - Doing estimates of cost
 - Suggest problems and build state project plans
 - Developing tools that people are actually gonna use

Scene: Providence Quest

[SCENE START]

INT. COUCH - MORNING

A black screen gives way to a faint, ominous text crawl: "ODYSSEY."

ROHAN is sitting on a couch. He reaches out and flicks on a nearby desk lamp. The "ODYSSEY" text vanishes.

He groans, rubbing his eyes.

ROHAN (To himself, dramatically): My craving... my craving for double-scoop mint chocolate chip ice cream knows no hour.

He grabs his phone and opens the newly developed OughtToSee

ROHAN (CONT'D): Alright, Providence. Deliver me from this sweet, dairy-induced torment.

ON PHONE SCREEN: The app opens.

SCREEN 1: "What city are you looking to explore?"

Rohan selects: "Providence, Rhode Island."

SCREEN 2: "What's your budget?"

He selects: "\$1-\$20" (the ice cream budget).

SCREEN 3: "Choose a date"

He selects the current date.

SCREEN 4: "Any preferences to make your visit to Providence all the more special?"

Rohan types: "Only need one thing: best local ice cream shop open right now."

He hits *Submit*. A loading screen appears.

ON PHONE SCREEN: The itinerary loads.

The AI hasn't just found the nearest ice cream shop. It's built a structured, late-night adventure based on his location and the vague "local" preference, prioritizing unique Providence experiences.

ROHAN: Wait... what is this?

Rohan leans closer, intrigued by the mention of the activities, things he'd never bothered to look up.

He sighs, but the initial annoyance has melted into curiosity. The app has provided a context—a small, achievable micro-adventure—instead of just a point on a map.

ROHAN (CONT'D): Alright, OughtToSee. You got me. An odyssey for ice cream it is. But first... let's take a detour.

Rohan stands up, grabs a light jacket, and walks toward the door.

ROHAN EXPLORES VARIOUS ACTIVITIES, SLIDESHOW OF SCENES

INT. ICE CREAM SHOP - LATER

Rohan is sitting at a small table, savoring a double-scoop mint chocolate chip cone. He opens the app again and looks at the itinerary one last time.

ROHAN (To the phone, with a small smile): Thank you, AI. You saw past the craving.

He takes a bite of the ice cream, closing his eyes in satisfaction.

ROHAN (CONT'D) (Mouthful): Best mint chocolate chip in the city. And that's not even the best part. Providence has cool shit, man. *Cool shit.*

[SCENE END]