revisit

browse, plan, travel, together.

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introduction:

People suffer from a cold start problem of trip planning where they don’t know where to start. When they do start, people struggle to manage different plans across platforms. Revisit inspires travelers by adding personalization, community, and consolidation to trip planning. Through revisit, users can collaboratively travel plan, browse peer user-created itineraries, and generate an itinerary tailored to their travel needs.

design tools:

We built our high-fidelity prototype with a React Native frontend, a Supabase backend, Anthropic API access for AI recommendations, and deployed via Expo Go. For design references, we used Figma.

Prompt for the Claude LLM:

prompt: "You are a helpful travel assistant. Given an itinerary activity table, and location, you need to generate a list of similar activities based on a user’s preferences. Always output in JSON format and populate the 'activities' array with the activity names. Include a short description (1-2 sentences) of the itinerary in the 'description' field. You are to populate the llm_suggestions.json file and ONLY output the JSON object. An example of a good output would resemble the following:

```
    {
      "activities": ["MoMA", "Little Italy", "Nopalito"],
     }
```

This output would be contingent upon the following input supabase table:

```
{
   "id": [1],
   "title": "around Golden Gate 🌟 SF local foods, exploring sausalito",
   "location": "San Francisco",
   "username": "emilyinsf",
   "stars": [294],
   "imageUrl":
"https://i.pinimg.com/736x/6d/27/08/6d270843f088b5073deedcc929ec288b.jpg",
   "profileImageUrl":
"https://i.pinimg.com/736x/bd/eb/c0/bdebc041306c95f1183bcd1c2c7c2697.jpg",
   "myStar": TRUE
}
```

These activities generated would be relevant to the particular *location* in the JSON table.

Pull from the user_selected_activities table and ensure that none of the activities listed under the activity_name column are being duplicated by your output. An example row of the user_selected_activities table is below:

```
     {
       "id": "uuid",
       "card": [1],
       "activity_day": [1],
       "activity_name": ["Pier Market Seafood"],
     }
```

If they are duplicated, replace your output with a different activity. ONLY output activities relevant to the location specified in the original JSON, e.g do not output “Central Park” as an activity suggestion for San Francisco.“

operating instructions:

1. Download the repo .zip package from our Github page
2. Unzip the file, open the folder in your desired code editor (e.g VSCode, etc)
3. Open a new terminal window
4. Run the following bash commands:
    a. ‘’’bash
    b. `npm install -g npm`
    c. `npm install -g node`
    d. `npm install -g expo@latest`
    e. `npx expo start`
    f. ‘’’
5. Open Expo Go on your mobile device and scan the QR code generated in your terminal or press [i] or [a] to run on iOS/Android, respectively.

limitations:

1. Cannot see real-time edits
2. Cannot search internet to add events to itineraries
3. Cannot add your own itinerary post to share to the feed
4. Cannot look at the profiles of the people you follow
5. Cannot message the people you follow → i.e. there is no DM feature
6. Cannot create an itinerary going to multiple places

wizard of oz:

1. Supabase table of sample itineraries without actually filling them in: this allows the demo to show what a scrollable feed would look like
2. Real-time collaboration with invited members
3. Filters are not semantic-related, but rather specific to the text you input
4. Itinerary is saved to camera roll (it isn't)
5. Itinerary is shared with people (it isn't)

hard-coded items:

1. Home page:
    a. Filter options
    b. Number of stars per post
    c. Limited amount of itinerary posts
    d. Activities, reviews, and comments within each itinerary post
2. Profile page:
    a. Follower count
    b. Number of posts
3. Itinerary generation/edit page:
    a. Invited collaborators
    b. Dates
    c. Extra activities we suggest after you remove an activity