

Chingu Voyage nn - Toucans Team #3

# Meeting - App Feature Planning

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nn JUNE 2025 / 05:00 PM GMT +9 (Seoul) 02:30 PM GMT +5:30 (New Delhi)

## ATTENDEES

## AGENDA

- Review App Ideas spreadsheet one last time & agree on app to create during this Voyage
- Define Vision Statement
- What are the high-level features in the app?

Priority (Must have/Should have/Nice to have)	Feature Description (only user-facing features)	Issue #
Must have	User Authentication (JWT)	
Must have	CRUD Trip Management. (Jan 1-6)	
Must have	Destination Setup. "Tokyo (Jan 1-3)" → "Kyoto (Jan 4-6)"	
Must have	Accommodation Setup for each destination	
Must have	Place Search: Save places to a general trip bucket	
Must have	Daily Itinerary Planning: Assign unscheduled places to specific days	
Should have	Smart Route Optimization: Reorder the stops of a specific day to minimize travel time	
Should have	Distance Validity Checks (Soft Constraints)	
Nice to have	Share with others: Public profile of the specific trip	
Nice to have	Around Me Discovery: Find saved places near my current location	
Nice to have	Show the weather forecast for each destination based on its period	

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- What to name the app? List ideas below
  - LegWise, Itenera, Legit

## NOTES

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### The User Journey (How they use it)

Step 1: Setup the SkeletonThe user creates a Trip ("Japan") and adds their Destinations ("Tokyo" for 3 days, "Kyoto" for 3 days).

System Action: The app automatically generates 6 empty "Day" containers.

Step 2: Drop the AnchorsThe app asks: "Where are you staying in Tokyo?"The user selects their hotel.

System Action: The app locks this hotel as the Start and End point for all 3 days in Tokyo.

Step 3: Fill the Bucket (Discovery)The user searches for cool places (Museums, Cafes) and saves them to a general "Unscheduled Bucket" for the trip. They don't need to decide when to go yet.

Step 4: Plan the Day (Routing)The user drags a place from the Bucket into Day 2.They click "Optimize Route."

System Action: The app calculates the best path: Hotel -> Place -> Hotel.

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### The "Trip Hierarchy" (How we organize data)

Think of a trip like a filing cabinet. Don't just dump everything in one pile for the routing logic to work.

1. Trip (The Binder): The high-level container.

Example: "Japan 2026"

2. Destination (The Sections): A specific region with a start and end date. This allows users to move between cities.

Example: "Tokyo (Jan 1–3)" and "Kyoto (Jan 4–6)".

3. Accommodation (The Anchors): The specific place the user sleeps during a Destination. This is critical because it tells our app where the day starts and ends.

Example: "Shinjuku Hotel" (Linked to the Tokyo Destination).

4. Day (The Page): A single date within a Destination.

Example: "Jan 2nd".

5. Stop (The Line Item): A specific attraction or restaurant visited on that day.

Example: "Senso-ji Temple".