

# Trip Planner

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## Introduction

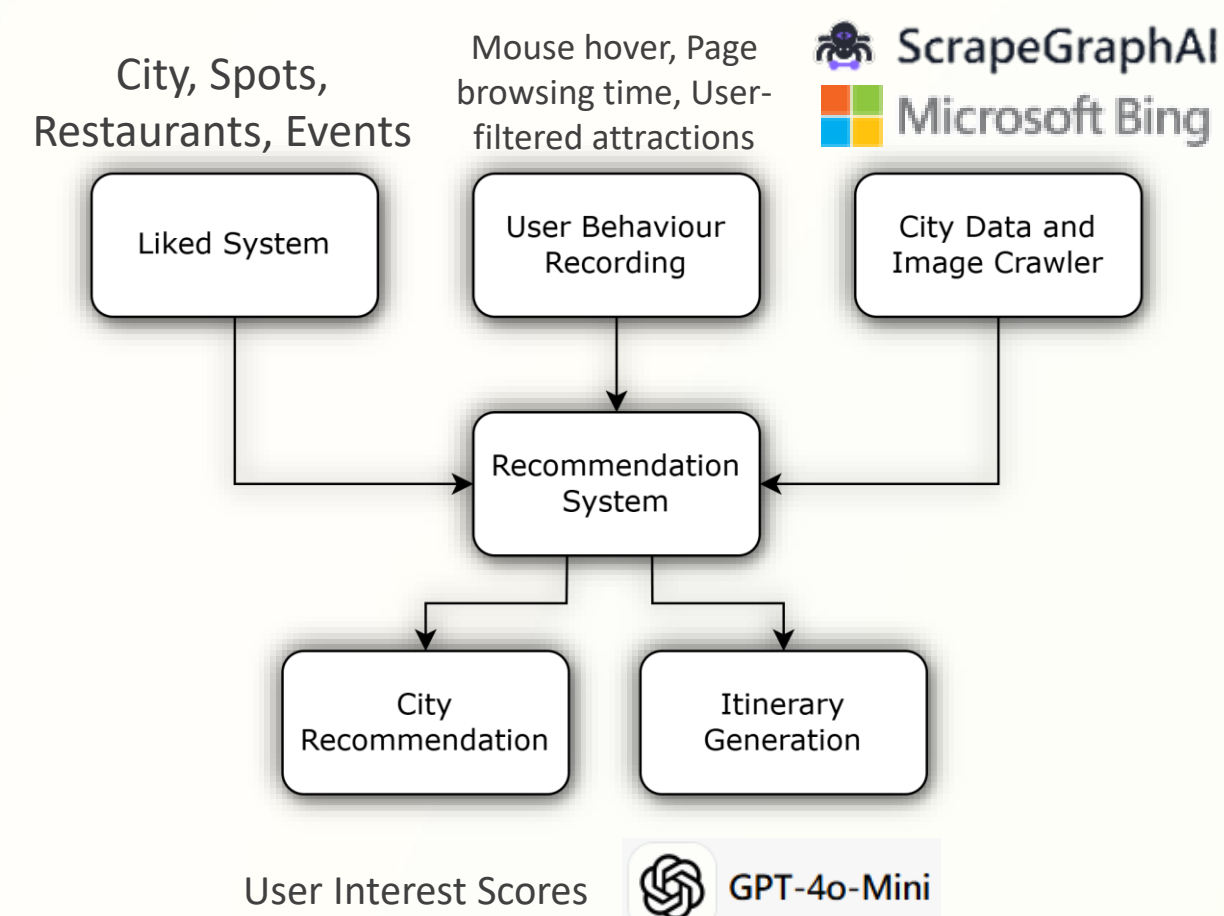
Travel planning is common yet challenging due to limited online trip research tools, causing frustration. Overwhelming information makes planning time-consuming and inefficient.

Trip Planner is an AI-driven web app that simplifies travel planning using a hybrid recommendation system and an LLM for personalized itineraries. It features city data collection, and time-decaying user profiling to optimize the recommendations.

## Objectives

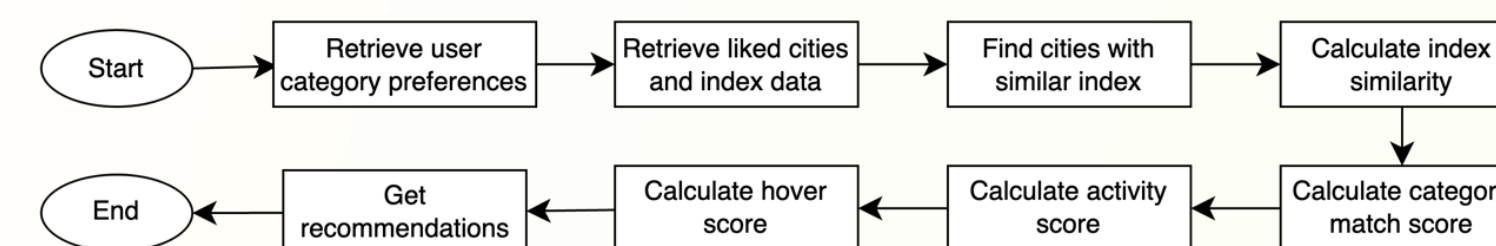
- Generate personalized city recommendations based on preferences and interests
- Suggest attractions, dining, weather, and popular seasons for destinations
- Improve recommendations using user feedback
- Create and share customizable itineraries with auto-scheduling
- Offer an intuitive, user-friendly UI

## App Structure

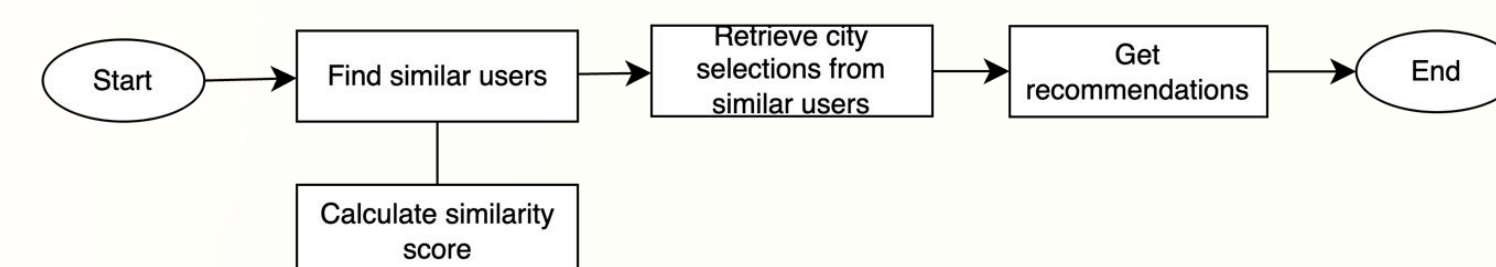


## Recommendation System

### Content-based filtering

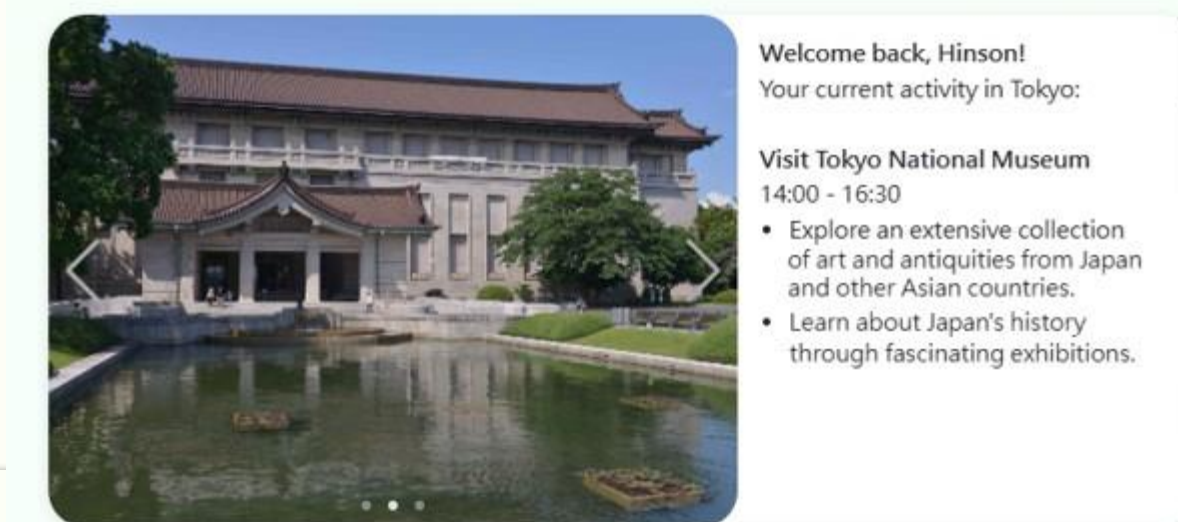


### Collaborative filtering

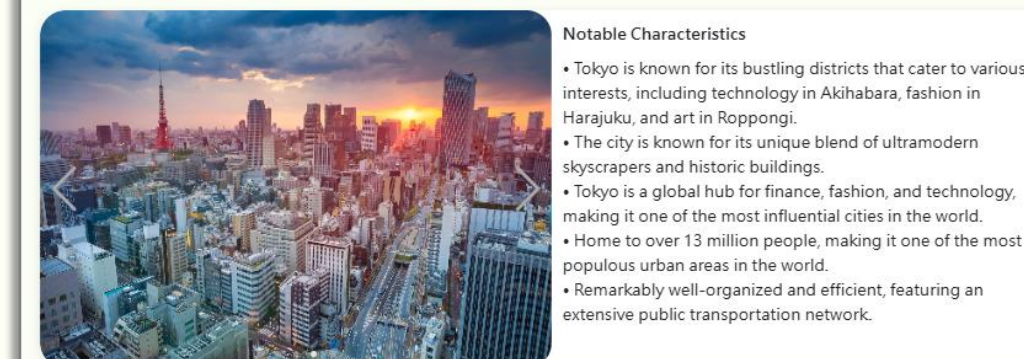


## Key Features

### Itinerary Reminder



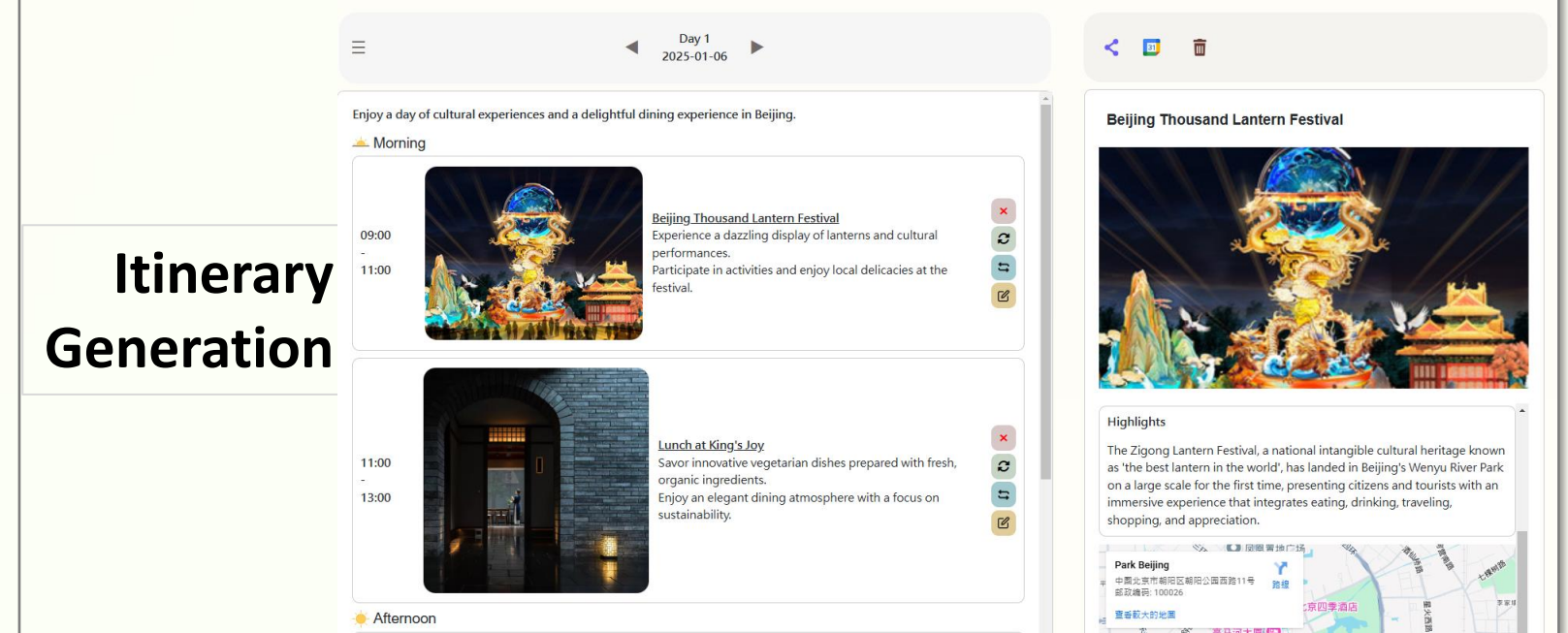
### Tokyo



### City Info



### Itinerary in Beijing



### Itinerary Generation