

A unified travel assistant for Klang Valley— Discover KV

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#LEARN AND HUSTLE

First look on the UI

Terokai Lembah Klang
Panduan peribadi Lembah Klang anda

Untuk Anda

Nasi Lemak at Village Park
📍 Damansara Utama, Petaling Jaya
\$ 8-15 ⓘ 30 min ⭐ 4.8

KL Tower Observation Deck
📍 Kuala Lumpur City Centre
\$ 52 ⓘ 2 hrs ⭐ 4.6

Makanan

Utama Cari Rancang Profil

Cari

Cari tempat, makanan, aktiviti...

KL Tower Observation Deck
📍 Kuala Lumpur City Centre
\$ 52 ⓘ 2 hrs ⭐ 4.6

Utama Cari Rancang Profil



Tourists face multiple challenges when visiting Klang Valley

Don't know where to go, what to eat, or how to travel

Confusing ticket prices (MyKad vs Non-Malaysian)

Long queues for ticketing

Navigation difficulty without transport

Dietary restrictions (Halal/Vegetarian) limits food choices

Lack of guides → hard to learn the history of a place



Target
Users

International tourists

Local Malaysian tourists (with
MyKad)

Anyone needing easy
navigation and fast planning



Our Solution

We centralize the entire Klang Valley experience

- ▶ One-stop guide for attractions and food
- ▶ Clear MyKad vs Non-Malaysian ticket price display
- ▶ Online booking links to skip queues
- ▶ Transport navigation with station suggestion + walking time
- ▶ Religion-based food filters (Halal / Vegetarian first)
- ▶ AI spot recognition: upload a photo -> get history/description instantly

System Architecture (pt1)

React Frontend

- ▶ Login (with religion selection)
- ▶ Search & filtering
- ▶ Attraction/Food details
- ▶ Daily itinerary generator
- ▶ Image upload for AI recognition



System Architecture (pt2)

Jamaibase Backend

- ▶ Tourist spot DB
- ▶ MyKad vs Non-Malaysian pricing
- ▶ Transport info (LRT/MRT)
- ▶ Religion tags (Halal/Vegetarian)
- ▶ User history & preferences

Tourism Guide

Action Table Knowledge Table Chat Table Members

Search table Date modified

TripPlanner Last updated November 27, 2025

Itinerary_Gen Last updated November 25, 2025

Tourism Guide

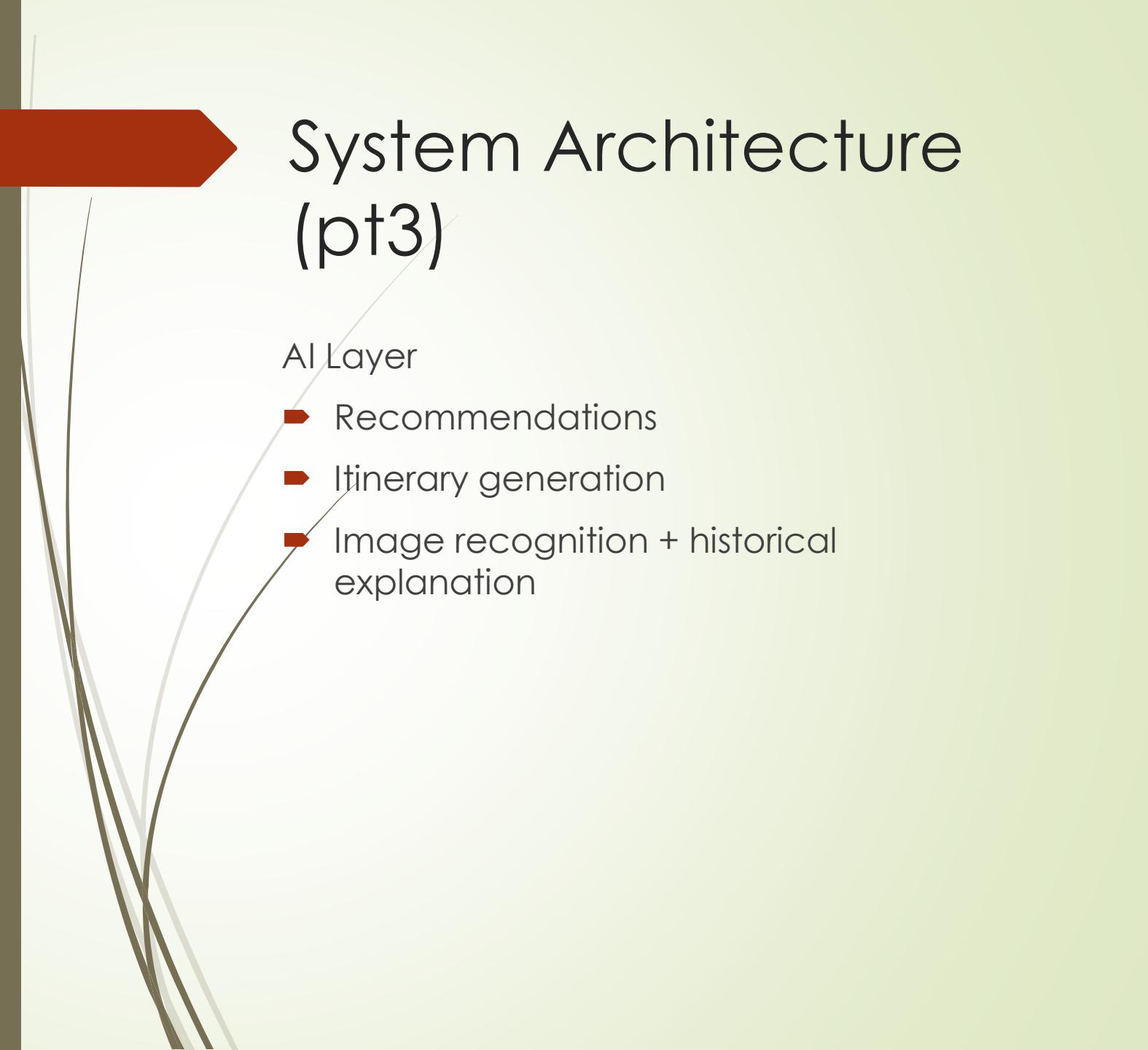
Action Table Knowledge Table Chat Table Members

Search table Date modified

PlacesKB Last updated November 27, 2025

Attractions And Food Last updated November 27, 2025

combined Last updated November 25, 2025





Data Flow

User interacts with React

React sends queries to Jamaibase

Jamaibase returns:

- Tourist data
- Prices
- Food recommendations
- Navigation info

AI processes results --> React displays personalized output



Lists of Features

Feature 1: Smart Prediction & Filtering

Feature 2: Daily Trip Planner (AI Itinerary Generator)

Feature 3: Image/Text Spot Recognition

Feature 4: User History Tracking



Feature 1: Smart Prediction & Filtering pt1

Users can filter by:

- ▶ Food / Attraction
- ▶ Price range
- ▶ Dietary needs (Halal / No preference)
- ▶ Opening hours (closed places pushed down)



Feature 1: Smart Prediction & Filtering pt2

System predicts what users want during:

- ▶ Past searches
- ▶ Dietary requirement
- ▶ Time of day vs operating hours



Feature 1: Smart Prediction & Filtering pt3

Each result shows:

- ▶ Title
- ▶ Location (district, city)
- ▶ Price range
- ▶ Status: open/closed with disclaimer



Feature 1: Smart Prediction & Filtering

pt4

Tap result -> Full details:

- Description
- Price range (food)
- Halal status
- Ticket breakdown (attractions)
- Online booking links
- How to get there (AI generated)
- Address
- Operating hours + current status



Feature 2: Daily Trip Planner (AI Itinerary Generator)

User selects start time -> System generates:

- ▶ Full daily schedule
- ▶ Optimized attraction/restaurant sequence
- ▶ Must-try nearby food
- ▶ Travel time estimation
- ▶ Same detailed info format as Feature 1

Makes trip planning fast, simple. And personalized

Feature 3: Image/Text Spot Recognition

User enters text or uploads a photo -> system identifies place and returns:

- ▶ Name of tourist spot
- ▶ Description
- ▶ Historical background
- ▶ Cultural significance

Acts as a personal “digital tour guide”.



Feature 4: User History Tracking

Stores:

- ▶ Previously viewed places
- ▶ Past searches
- ▶ Old itineraries

Used for:

- ▶ Faster suggestions
- ▶ Personalized recommendations
- ▶ Smarter ranking of results

Feature 5: Backend Integration

Frontend (React stacks)

- ▶ Login + preference setup
- ▶ Filtering system
- ▶ Suggestion UI
- ▶ Itinerary view
- ▶ Image recognition page

Backend (Jamaibase)

Stores:

- Tourist spots
- Food data
- Prices
- Transport routes
- Operating hours
- Religious tags
- Descriptions & history
- User profile + history



Closing Statement

A complete, centralized travel companion that solves the major pain points of Klang Valley tourism – discovery, pricing, transport, food, culture, and itinerary planning – all powered by AI.