

A unified travel assistant for Klang Valley– Discover KV

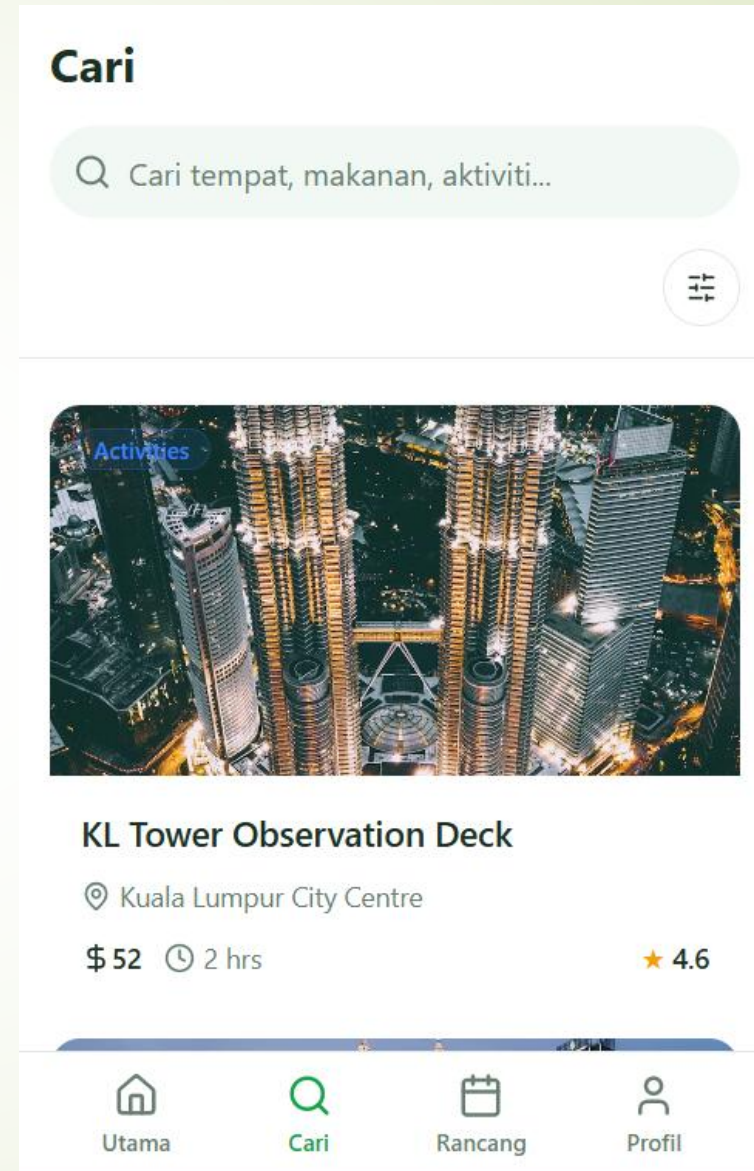
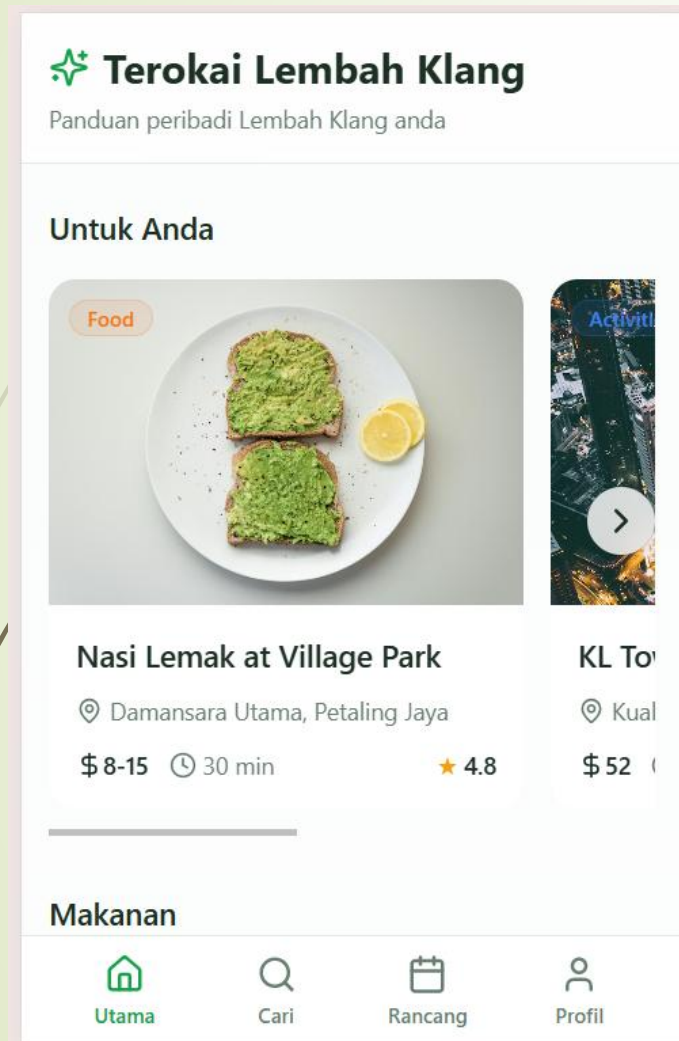
Team Members:

1. Kearney Leith Julius
2. Adam bin Azuddin
3. Nabil Irfan bin Muhamad Sakowi
4. Teo Tze Hong
5. Muhammad Amir Firdaus bin Mohd Kamal



#LEARN AND HUSTLE

First look on the UI





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

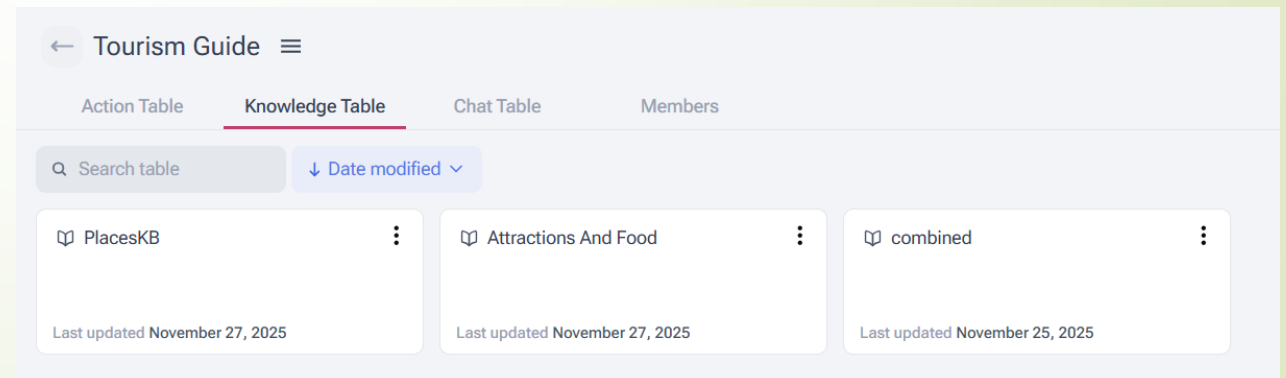
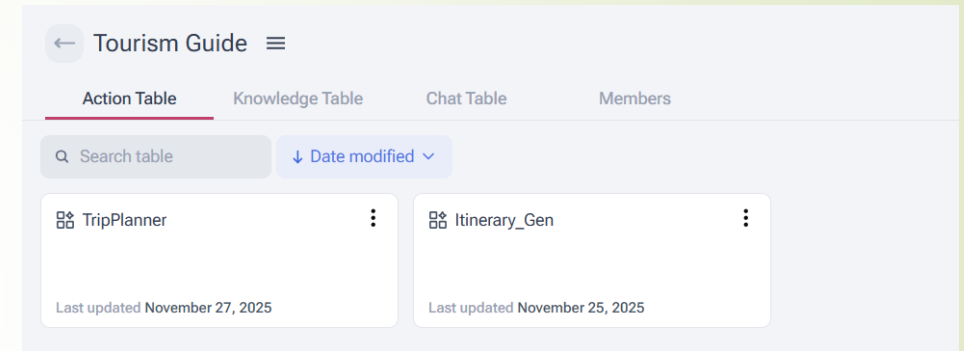
- Login (with religion selection)
- Search & filtering
- Attraction/Food details
- Daily itinerary generator
- Image upload for AI recognition

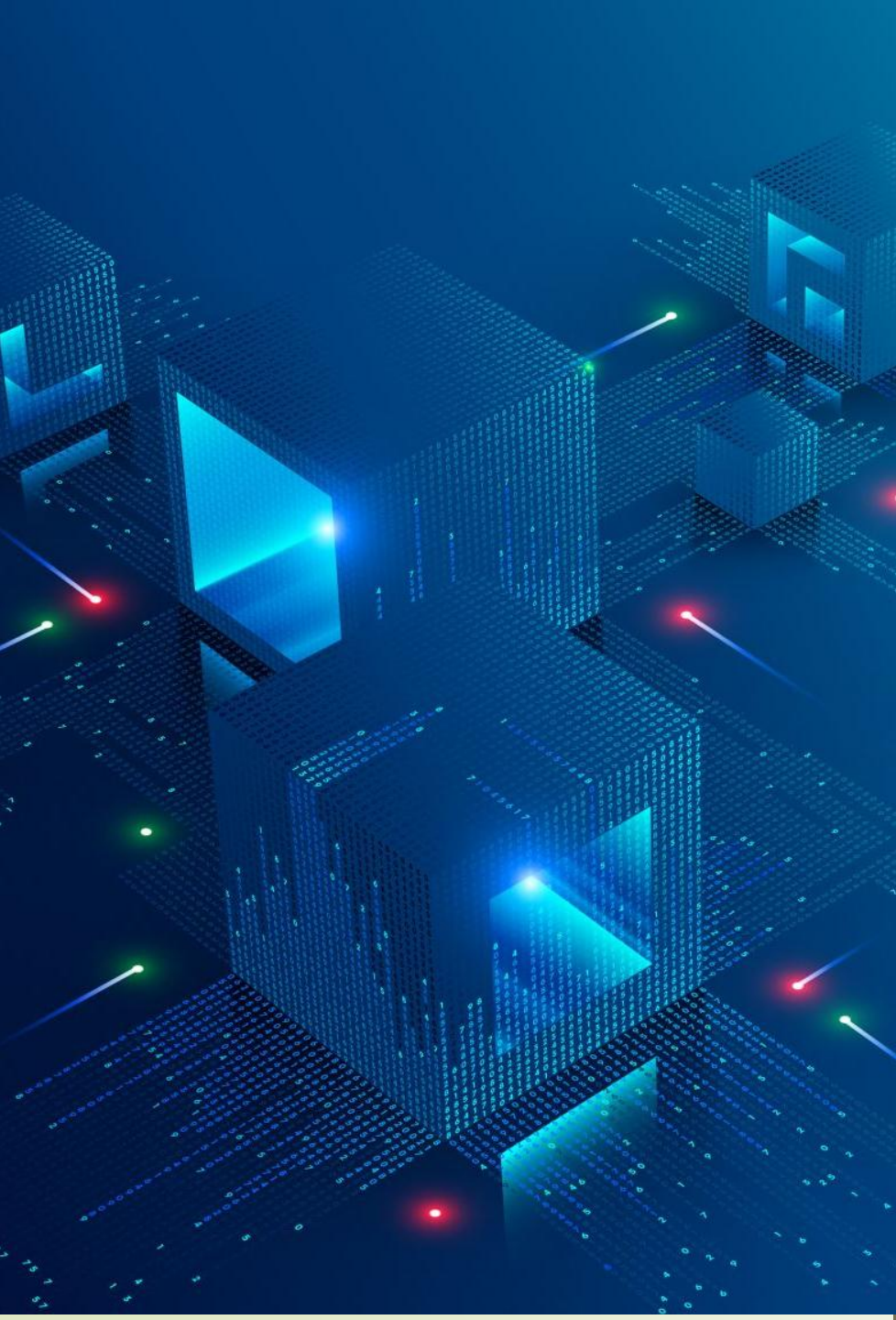


System Architecture (pt2)

Jamaibase Backend

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





System Architecture (pt3)

AI Layer

- Recommendations
- Itinerary generation
- Image recognition + historical explanation



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.