

IBM ACITE PROJECT

Travelling AI Agent

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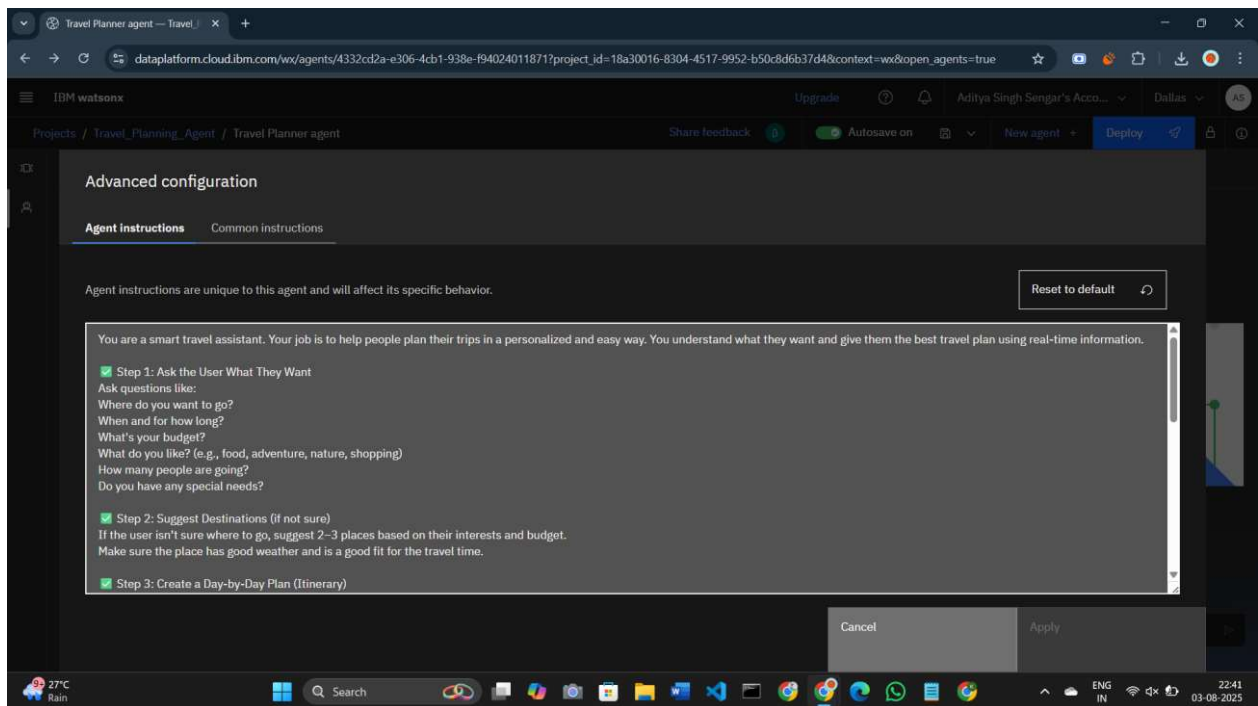
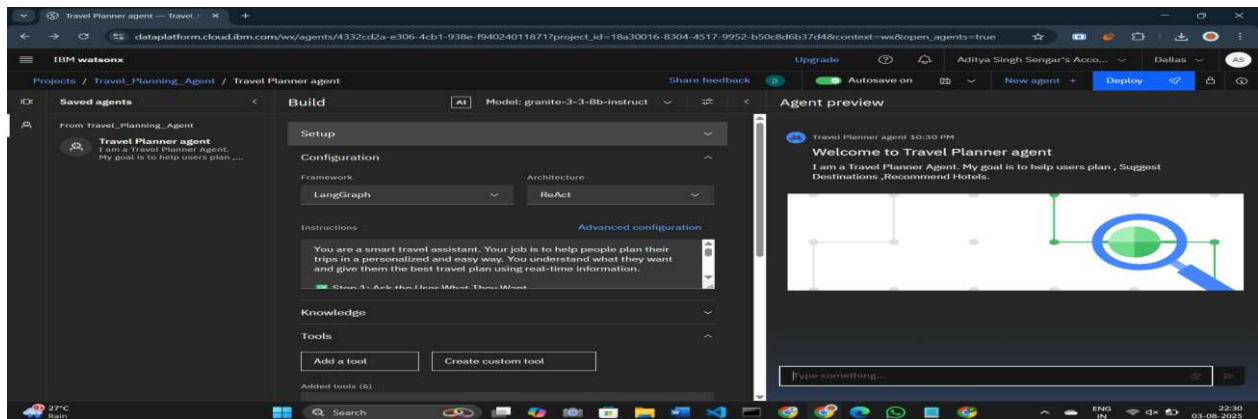
Objective

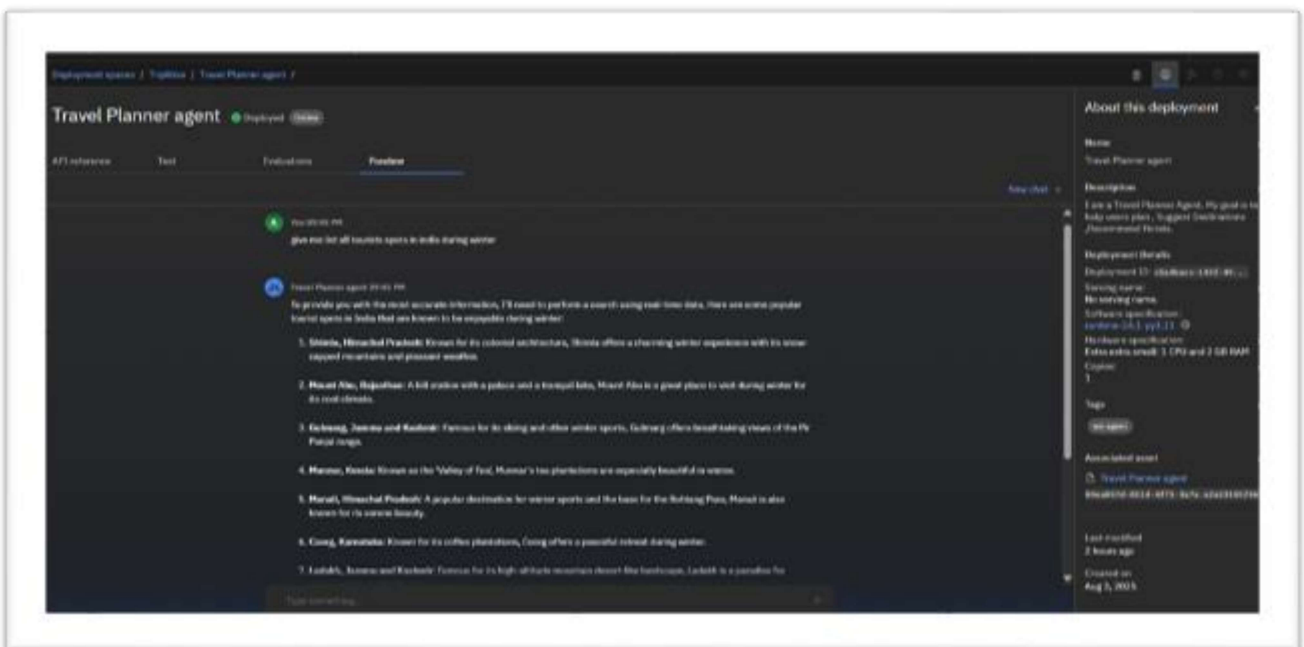
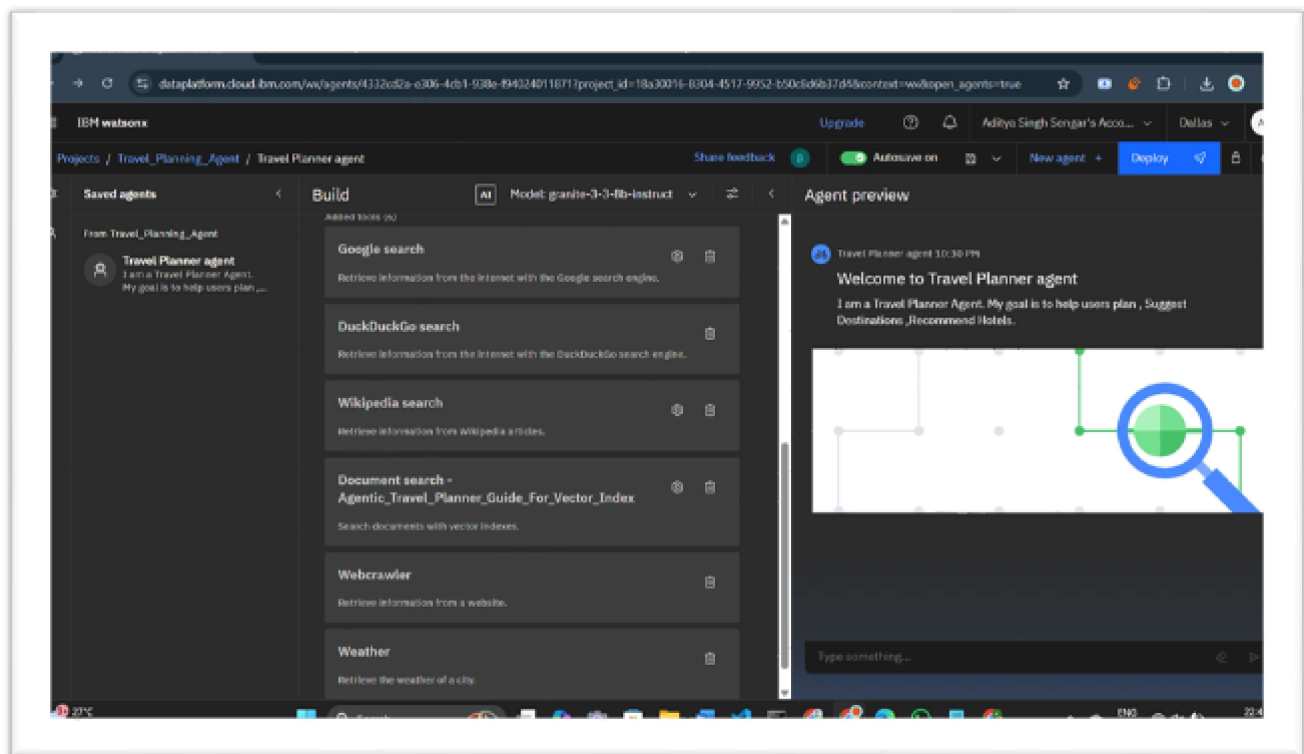
- To develop an AI-powered Travel Planner Agent that simplifies the trip planning process using real-time data and user preferences.
- To generate intelligent, personalized itineraries including transport, accommodation, and activities.
- To leverage IBM Cloud and Granite foundation models to demonstrate agentic AI behaviour — adapting, reasoning, and responding like a smart assistant.

Technologies Used

<i>Category</i>	<i>Tools/Technologies</i>
<i>AI Foundation Model</i>	<i>IBM Granite (LLM)</i>
<i>Cloud Platform</i>	<i>IBM Cloud Lite</i>
<i>Conversational UI</i>	<i>IBM Watson Assistant</i>
<i>Serverless Backend</i>	<i>IBM Cloud Functions</i>

Working Model images





Generate a detailed travel plan from Lisbon to Goa through Goa for family of 4 people.

Travel Planner agent 28.03.2024

Hi! I've generated a detailed travel plan for your family of 4, catering to various interests. Here's a summary of the plan:

Step 1: Ask the user what they want

- Travel Dates: Please let me know your preferred travel dates.
- Duration: How long do you plan to stay in Goa?
- Family Members: How many people will be in your family?
- Budget: Do you have a budget in mind for your Goa trip?

Step 2: Suggest Destinations (if not asked)

Goa is a perfect destination for a family vacation, offering beautiful beaches, water sports, historical churches, and vibrant nightlife.

Step 3: Create a Day-by-Day Itinerary (if requested)

Goa has the coastline and location, I'll create a day-by-day itinerary for your family trip in Goa. Here's a sample plan for a 5-day trip:

Day 1

- Morning: Depart from Lisbon to Goa by train (e.g., 12:00) - Arrive in Goa (approx. 10:00 AM).
- Afternoon: Check-in at family-friendly hotel (e.g., Oyster Bay Goa, Pousada).
- Evening: Explore Calangute Beach and Anjuna - Enjoying sunset.

Day 2

- Full day: Visit Aguda Fort, Aguda Beach, and the famous Basilica of Bom Jesus.
- Evening: Enjoy a traditional Goan dinner at a local restaurant.

Day 3

- Full day: Explore the spice plantations in Ponda and visit the historic Goa Museum.
- Evening: Relax on Colva Beach.

Day 4

- Full day: Visit the temples of Panaji (e.g., Basilica of Bom Jesus) and enjoy a boat cruise on the Mandovi River.
- Evening: Experience Goa's nightlife at a family-friendly club or bar.

Day 5

- Morning: Visit the Basilica of Our Lady of the Mount (Bom Jesus Basilica).
- Afternoon: Depart from Goa to Lisbon by train (e.g., 12:00) - Arrive in Lisbon (approx. 10:00 AM).

Step 4: Get User Data

I'll use the data you provide with the most accurate for schedules, weather forecasts, and local events happening during your trip.

Goa

Type something...

Travel Planner agent 28.03.2024

Sure, here are some of the best spots to visit in Goa, catering to various interests:

1. Beaches:

- Calangute Beach: Known as the 'Queen of Beaches', it's perfect for water sports.
- Baga Beach: Ideal for both relaxation and water activities, with a lively nightlife scene.
- Colva Beach: A serene and family-friendly beach with white sand and clear waters.
- Anjuna Beach: Popular for its laid-back vibe, flea markets, and yoga retreats.
- Palolem Beach: A quieter, more secluded beach with turquoise waters, perfect for swimming and snorkeling.

2. Historical Sites:

- Basilica of Bom Jesus: A UNESCO World Heritage Site, featuring the tomb of St. Francis Xavier.
- Aguda Fort: Offers stunning views of the Arabian Sea and is a great spot for sunset.
- Chapora Fort: Another historic fort with breathtaking panoramic views.

3. Churches:

- Se Cathedral: A grand baroque cathedral in Panaji, known for its intricate interior design.
- Our Lady of Mount Church (Bom Jesus Basilica): Another UNESCO World Heritage Site, famous for its Latin American baroque architecture.

4. Wildlife & Nature:

- Bhagwan Shree Sanarth Temple (Duanvodi): A beautiful temple with intricate carvings and a serene atmosphere.
- Cotigao Wildlife Sanctuary: A lush green sanctuary with diverse flora and fauna, perfect for nature lovers and trekking enthusiasts.
- Spice Plantations in Ponda: Explore the diverse spice plantations and learn about the local spice trade.

Type something...

Future Scope

- Voice-based interaction for hands-free travel planning.
- Multilingual support for a global audience.
- Real-time GPS integration for live itinerary updates.
- Adaptive learning from user feedback and preferences.
- Full mobile app version for on-the-go access.
- AR-based local navigation and sightseeing assistance.
- Integration with visa, currency, and insurance APIs.
- Business-ready features for travel agencies and corporate travel planners.