User Instruction: "Plan a five-day trip from Beijing to New York."
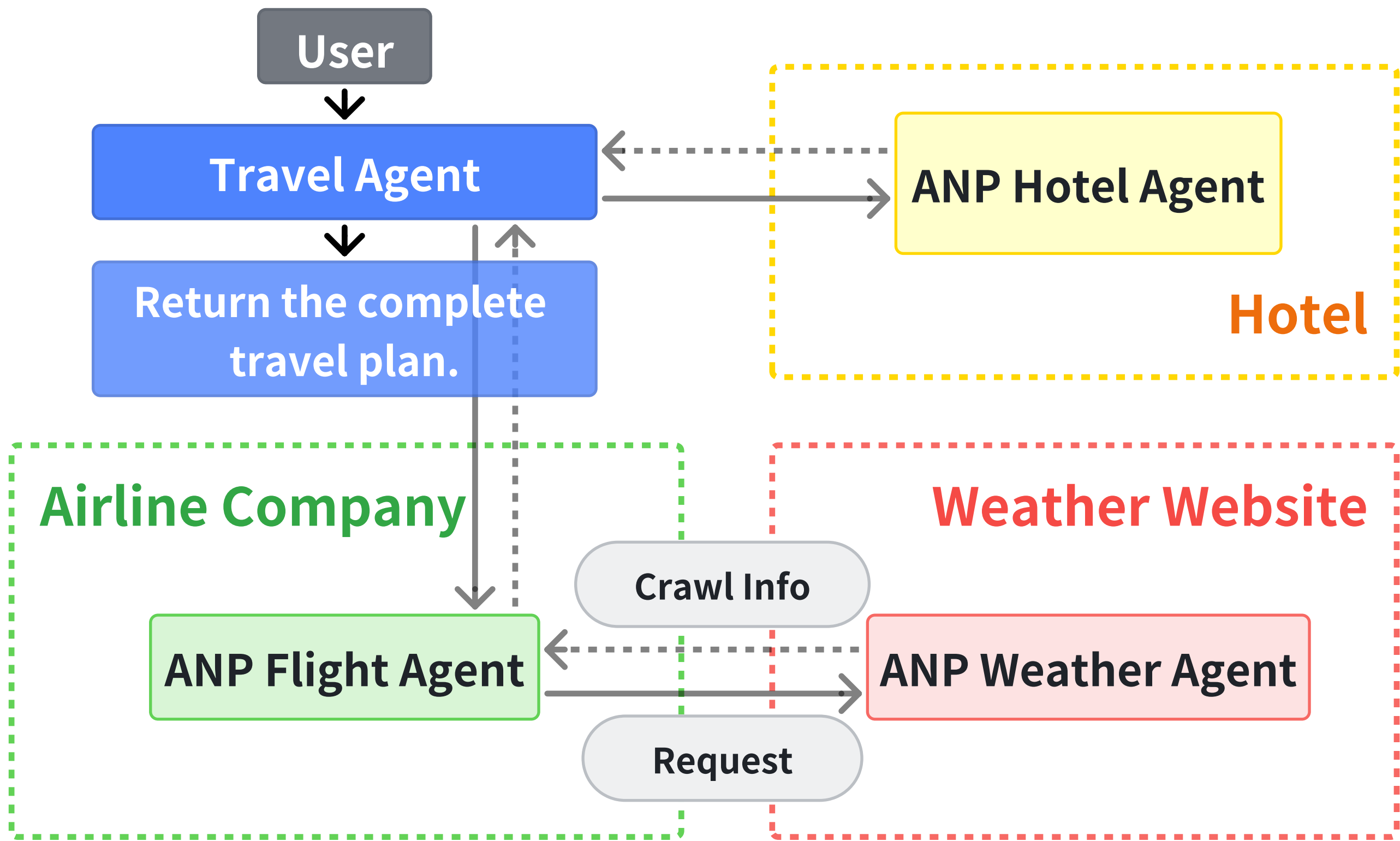
MCP: A single agent invokes all tools

User → Travel Agent

- Client → Call get_flights() → Flight Server → Flight Info
- Client → Call get_hotels() → Hotel Server → Hotel Info
- Client → Call get_weathers() → Weather Server → Weather Info

Return the complete travel plan.
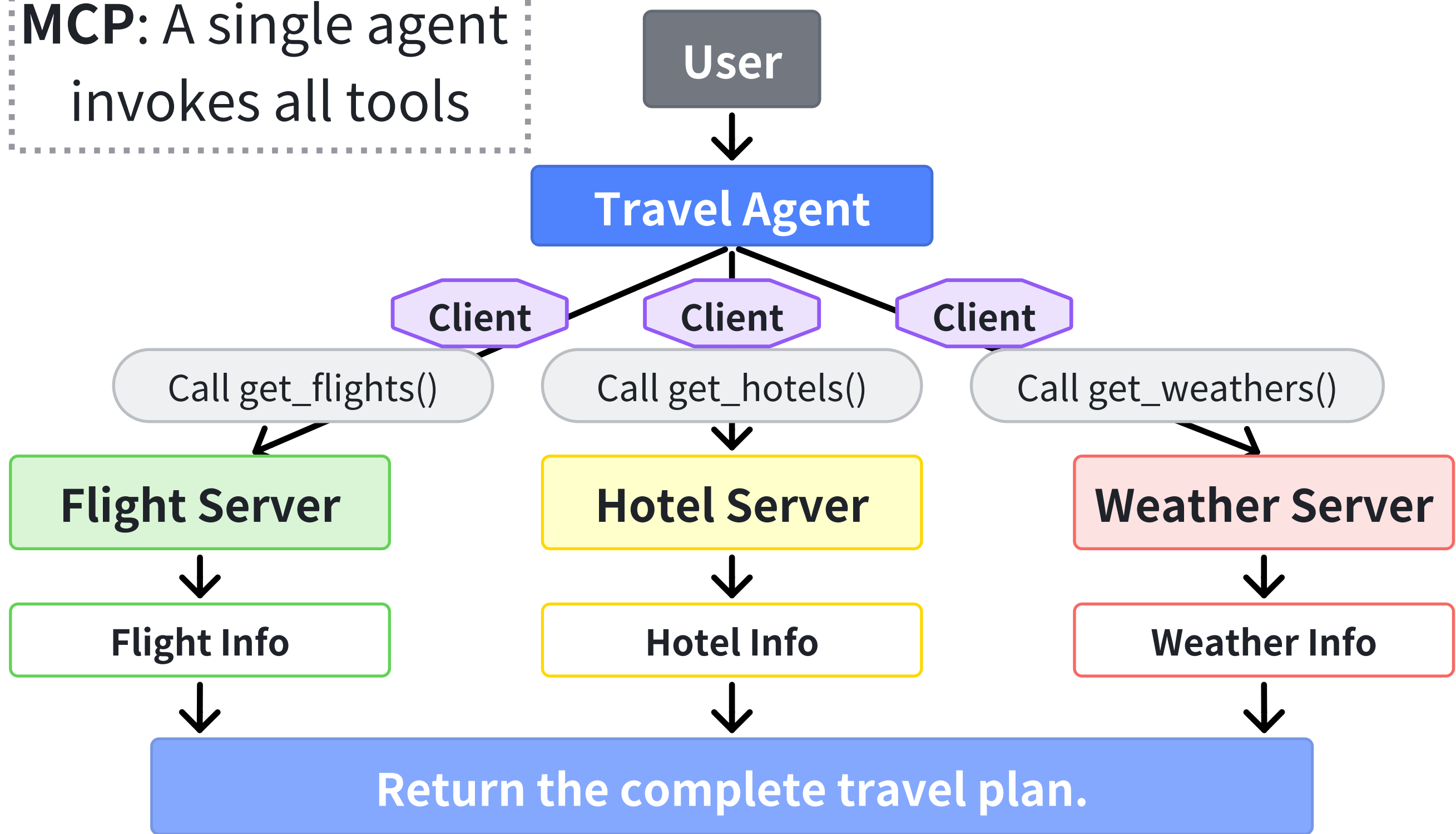
A2A: Inter-agent protocol (Complex collaboration)

Travel Agency

Transportation Department
- A2A Flight Agent
- A2A Weather Agent

Accommodation & Activities
- A2A Hotel Agent
- A2A Activity Agent

Sub-task

User → Travel Agent

Return the complete travel plan.
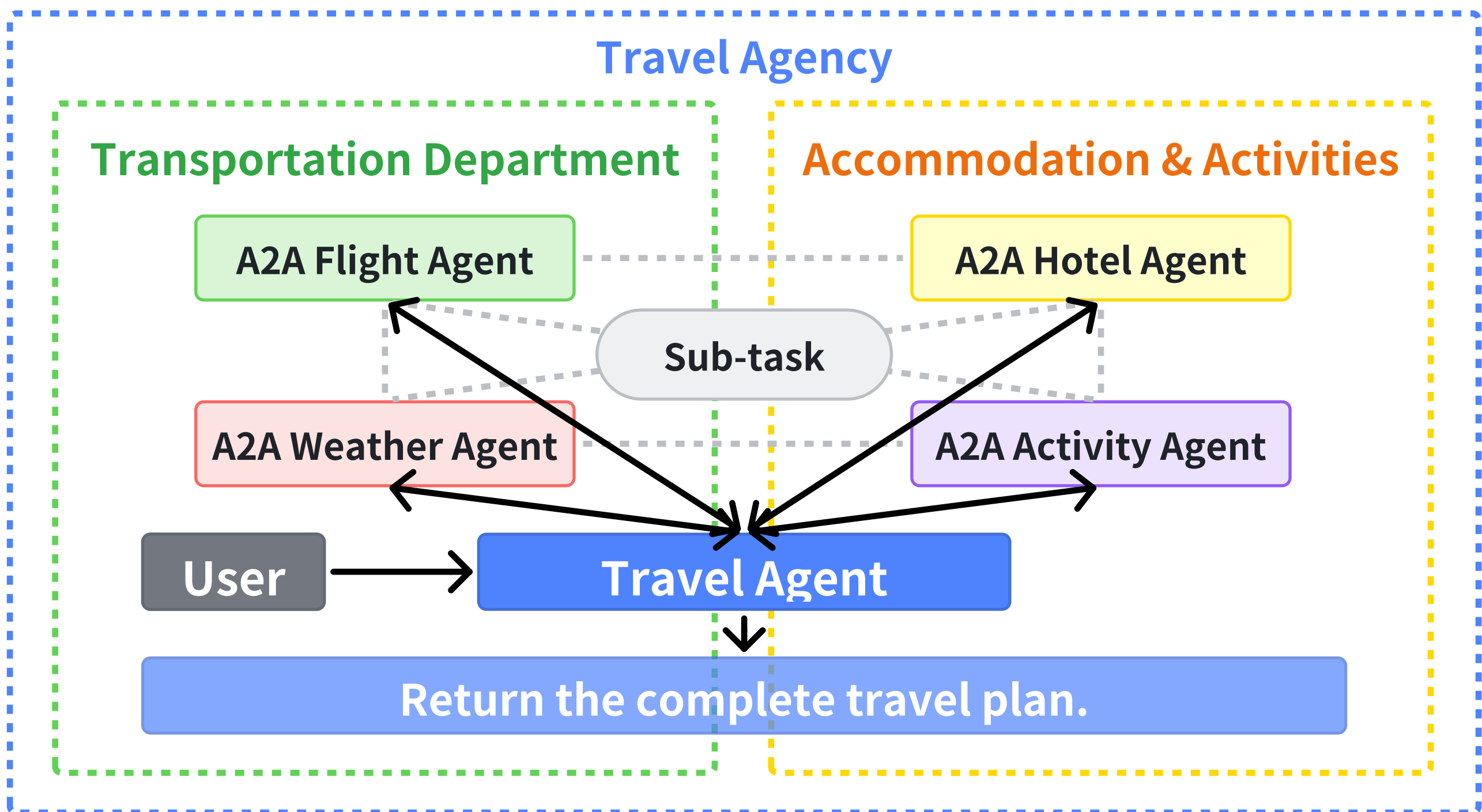
ANP: Inter-agent protocol (Cross-domain)

User → Travel Agent

Return the complete travel plan.

ANP Hotel Agent — Hotel

Airline Company
- ANP Flight Agent

Weather Website
- ANP Weather Agent

Crawl Info

Request

Agora: Language to Protocol Generation

User → Travel Agent

Agora

Natural Language Understanding
Extract key information: Starting point (Beijing), Destination (New York), Duration (5 days), Budget (3000 USD)

Protocol Generation
Protocol Types: Aviation, Hotel, SkyEye and Event Protocol

Protocol Distribution

Flight Protocol
- Type: "flight"
- Origin: "Beijing"
- Destination: "New York"

→ Flight Agent

Hotel Protocol
- Type: "hotel"
- Destination: "New York"
- Nights: 5

→ Hotel Agent

Weather Protocol
- Type: "weather"
- Destination: "New York"
- Days: 5

→ Weather Agent

Budget Protocol
- Type: "budget"
- Total: 3000
- Currency: "USD"

→ Budget Agent