



# RENTWISE

AI-powered Rental Assistant



# RentWise: Purpose

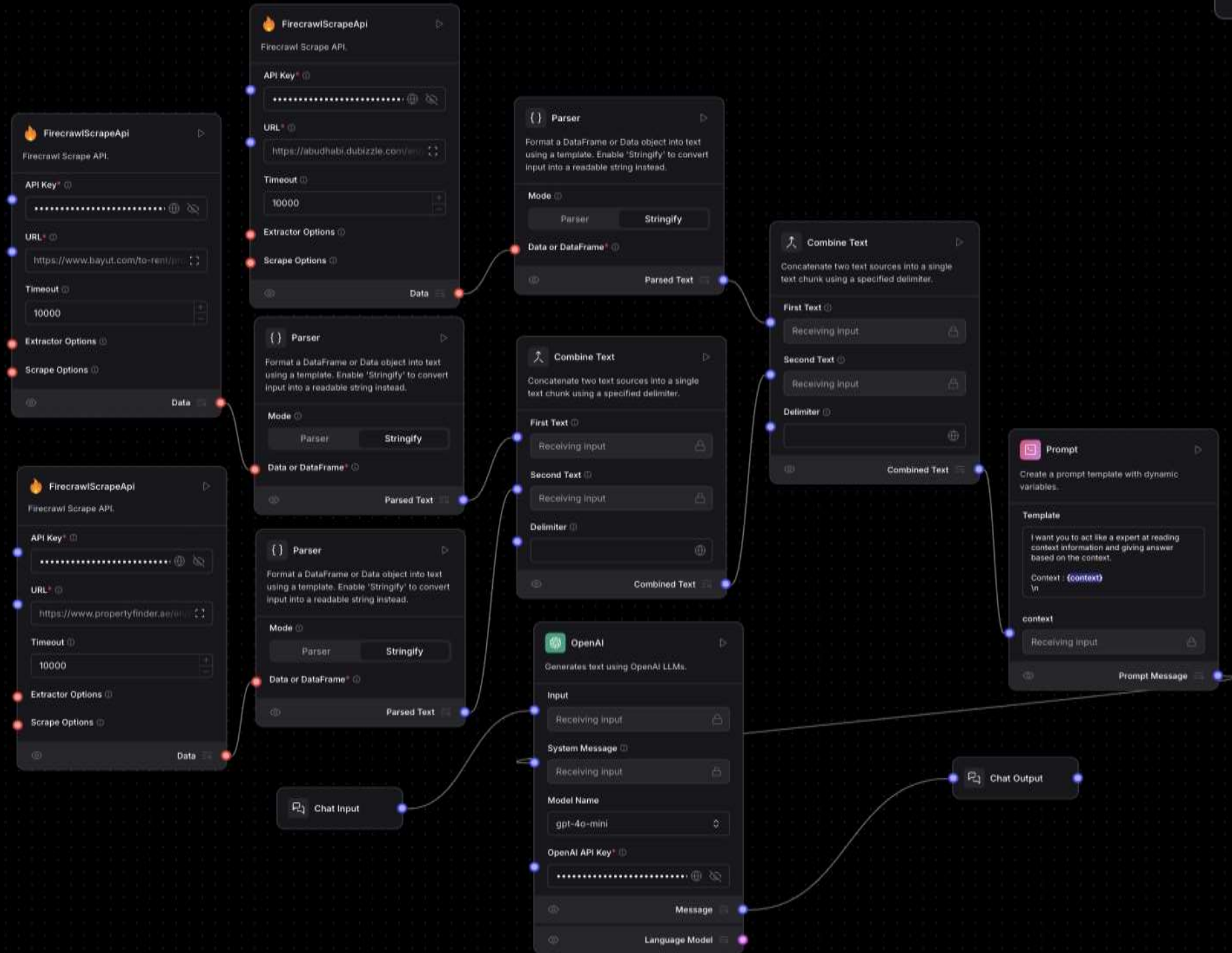
- RentWise is an AI-powered rental assistant designed to help tenants find suitable houses or apartments in Abu Dhabi, based on their preferences, lifestyle, and budget.

## **Use Case:**

- Users describe what they are looking for in natural language (e.g., '2-bedroom 2-bathroom under AED 100,000').
- RentWise searches multiple rental platforms and ranks listings based on user priorities.
- Users receive top property recommendations (including its price & area) without having to manually browse listings

# Components used in Langflow

1. **Firecrawl Scrape API:** Extracts structured listing data from rental websites in real time.
2. **Parser:** Converts scraped HTML/JSON into clean, readable text chunks.
3. **Combine Text:** Aggregates parsed content from multiple websites into a single unified input.
4. **Prompt:** Formats combined listing data with user queries to guide the AI agent.
5. **OpenAI (GPT-4o):** Processes the prompt and generates contextual, helpful responses.
6. **Chat Input:** Accepts user messages, such as rental preferences or queries.
7. **Chat Output:** Displays AI-generated recommendations and search results to the user.



# SAMPLES



User

can you list out all apartments in Abu Dhabi with rent under 100000AED



AI gpt-4o-mini

Based on the provided context, here are some apartments in Abu Dhabi with yearly rent under 100,000 AED:

1. 1 Bedroom Apartment in Al Reem Island

- Price: AED 95,000 Yearly
- Area: 947 sqft
- [View Listing](#)

2. 2 Bedroom Apartment in Madinat Al Riyad

- Price: AED 60,000 Yearly
- Area: 1,800 sqft
- [View Listing](#)

3. 1 Bedroom Apartment in Madinat Al Riyad

- Price: AED 36,000 Yearly
- Area: 1,500 sqft
- [View Listing](#)

4. Studio Apartment in Al Reem Island

- Price: AED 59,999 Yearly
- Area: 538 sqft
- [View Listing](#)

5. 1 Bedroom Apartment in Al Raha Beach

- Price: AED 125,000 Yearly (Note: This exceeds the budget)





User

can you list out all apartments in Abu Dhabi with rent between 60000AED and 70000AED



AI gpt-4o-mini

Based on the provided context, there is one apartment listed in Abu Dhabi with a yearly rent of AED 60,000:

- **Apartment:** 2-bedroom apartment with 2 bathrooms, a hall, a sitting room with a courtyard, and a maid's room, located in Madinat Al Riyad, Abu Dhabi. Area: 1,800 sqft.

Unfortunately, there are no apartments listed with a rent specifically between AED 60,000 and AED 70,000. If you need further assistance or more specific listings, please let me know!

# Working Demo

<https://astra.datastax.com/langflow/f2d009a7-475f-47a5-8d39-00e0746d587c/playground/cd642792-0673-437c-961d-93f485a3ff2d>

THANK YOU