**Enrich Property Inventory Survey with Image**

Recognition and AI Agent

What does this do?

* **Manual Trigger & Data Retrieval:**  
  It starts when you click “Test workflow,” then searches an Airtable database for rows with product photos that haven’t been enriched yet.
* **Image Analysis:**  
  It uses an AI vision model to analyze each product photo, extracting key attributes like title, description, model, material, color, and condition.
* **AI-Powered Data Enrichment:**  
  An AI agent (using GPT-4o) takes the photo’s details and, if needed, leverages external tools:
  + **Reverse Image Search:** Uses SERP API to find similar images and related information.
  + **Web Scraping:** Calls Firecrawl’s API to scrape webpages for additional product data.
* **Routing & Fallback:**  
  A switch node routes the request to the appropriate tool based on the “route” field. If no tool matches, it falls back to a predefined error response.
* **Update Airtable:**  
  Finally, the enriched product attributes are written back to the corresponding Airtable row, marking it as processed.