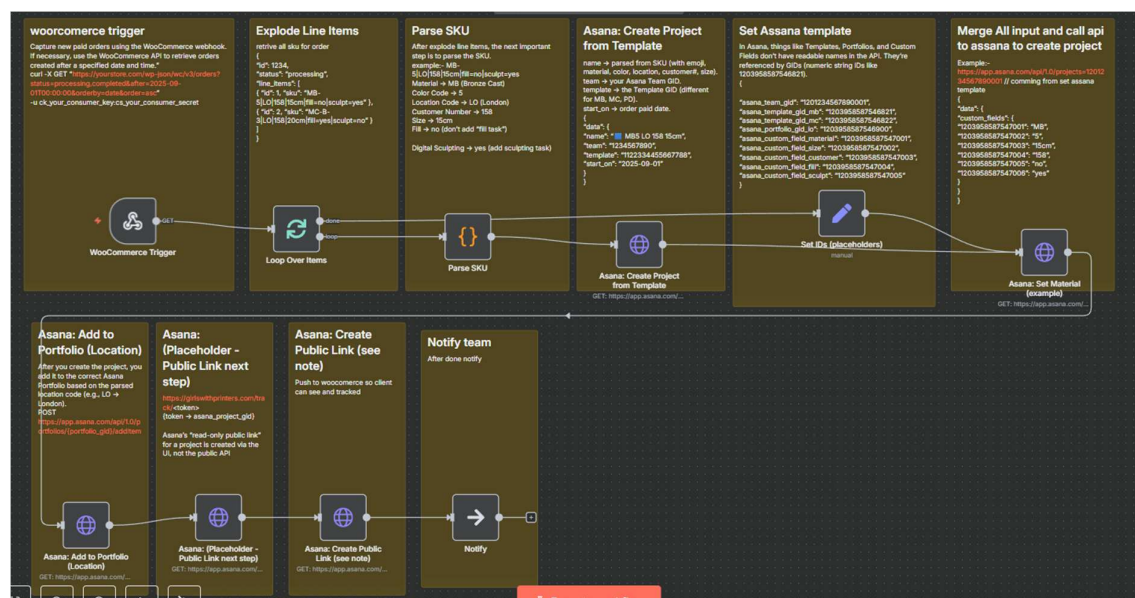


## Research on bases of Experience

## Process Flow Document — WooCommerce → Asana Automation

**Author:**

**Purpose:** Describe and standardize the end-to-end flow that converts paid WooCommerce orders into fully populated Asana projects (one project per line item), with conditional steps, portfolio assignment, and customer safe tracking links. This document is intended for implementation, maintenance, audits, and to present as professional experience.



## 1) Executive Summary

- **Trigger:** WooCommerce order marked *processing* or *completed* (paid).
- **System of Orchestration:** n8n workflow (webhook → parse → create/update in Asana → write-back to WooCommerce).
- **Outcome:** For each order line item, create an Asana project from a **master template** (per material type), autofill custom fields, attach to the correct portfolio (by location/customer), insert conditional tasks (e.g., Fill/Weight, Digital Sculpting, Patination/Polishing), and generate a customer safe tracking link.
- **Benefits:** Eliminates manual data entry, reduces template sprawl, ensures consistent naming/timelines, improves visibility.

## 2) Scope & Assumptions

- **In Scope:** WooCommerce → Asana project creation, custom field population, portfolio assignment, conditional task logic, public link strategy, write-back to WooCommerce.
  - **Out of Scope (initial):** Payment capture, invoicing logic, inventory, shipping label creation (can be added later).
  - **Assumptions:**
    - WooCommerce exposes orders via REST API & webhooks.
    - Asana has pre created **master templates** per material (e.g., MB/MC/PD) and required **custom fields** exist.
    - Portfolio(s) for locations/customers exist and their GIDs are known.
    - SKU/line item meta follows a passable convention (see MB5).
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## 3) Systems & Roles

- **WooCommerce:** Source of orders, order notes, line-item metadata.
- **n8n:** Orchestration; transforms data; calls APIs; handles retries and logs.
- **Asana:** Target project management; templates, custom fields, portfolios, tasks, timeline.
- **(Optional) Tracker Service:** Generates a customer safe progress link if Asana public link cannot be automated.

## Access & Secrets

- WooCommerce REST credentials (CK/CS) stored in n8n credentials.
  - Asana Personal Access Token (PAT) stored in n8n credentials or environment secret.
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## 4) Triggers & Idempotency

- **Primary Trigger:** WooCommerce Webhook order. updated (filter status {processing, completed}).
- **Secondary (Catchup) Poll:** REST call with status=processing, completed & after=<ISO8601> t