

Skills Agent – Creative Resource Allocation

Overview

This guide shows you how to set up a Skills Agent that reads a content request and suggests the exact skills needed from a predefined skill pool, helping managers assign the right people quickly.

Time Saved: 1–2 hours/week per creative/marketing manager

Prerequisites: Custom field listing possible skills; structured request form

Deployment Time: 20–25 minutes (one agent)

The Use Case

Creative teams receive many different request types (video, web, print, ads).

Determining which skills are required is manual and error-prone. The Skills Agent interprets content type and description and selects the appropriate skills from a constrained list.

How It Works

- Trigger: When a new creative request is submitted or updated
- Action: Fills a multi-select “Required Skills” custom field with matching skills from the available skill pool

Prerequisites

1. Custom Field: “Required Skills”
 - Type: Multi-select
 - Values: Your skill pool (e.g., “Graphic Design,” “Video Editing,” “UI Design (User Interface),” “Photography,” etc.)
2. Input Fields (examples; adjust to your schema):
 - “Content Type” (dropdown: Video Ad/Commercial, Product Web Page, Blog Post, etc.)
 - “Brief Description” (long text)

Agent: Skills Agent – Creative Resource Manager

Configuration

Setting	Value
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Name	Skills Agent – Resource Allocation
Scope	Any subitem of the item where the agent was added
Trigger	Custom field changed – “Content Type” or “Brief Description” (or “Request Ready” flag)
Action	Change custom field – “Required Skills”

Prompt

Goal

Create a self-adjusting resource allocation agent that determines the exact creative skills needed for a project request by cross-referencing the request against a dynamically provided list of available skills.

Input Data

The agent will receive the following variables:

- Content Type: e.g., Video Ad / Commercial, Product Web Page, Blog Post / Article, etc.
- Brief Description: Free-text field containing specific details and keywords.
- Available Skill Pool: A definitive list of all selectable skill options.
- The agent must treat this list as its only possible output choices.

Agent’s Core Directive (Best Judgment)

You are an experienced Creative Resource Manager. Your selection process is purely judgmental, following three steps:

1. Interpret Medium

Use the Content Type to select the mandatory core skills required for that medium.

- Example: Video requires capturing and editing.

2. Interpret Detail

Use the Brief Description to select specialized skills indicated by keywords.

- Example: "cinematic" implies Color Grading.
- Example: "flow" implies UX Design.

3. Validate Output

Ensure every selected skill is a precise match to an item in the Available Skill Pool.

- If a required skill (e.g., Scripting) is not in the pool, it cannot be included in the output.

Output Format Constraint

- The output must be a single, comma-separated list of all selected skills.
- No duplicates.
- No numbering.
- No explanations or extra text.
- Output only the skill names as they appear in the Available Skill Pool.

Self-Contained Logic Guide (For Agent's Judgment)

Use the following as a logic guide when mapping inputs to skills, always constrained by the Available Skill Pool.

1. Based on Content Type

- Content Type = Video / Film
 - Implied Core Skills (must be matched to pool):
 - Videography / Cinematography
 - Video Editing
 - Sound Design & Mixing
 - Implied Specialized Skills (if matched in description):
 - Motion Graphics & Animation (if "animated", "3D", "VFX" appear)
- Content Type = Web Page / App
 - Implied Core Skills:
 - UX Design (User Experience)
 - UI Design (User Interface)
 - Implied Specialized Skills:
 - Front-End Development (if "code", "implement", "build" appear)
- Content Type = Print / Physical
 - Implied Core Skills:
 - Graphic Design
 - Print Production
 - Implied Specialized Skills:
 - Illustration (if "drawing", "custom art" appear)
- Content Type = Digital Ad / Image
 - Implied Core Skills:
 - Graphic Design
 - Image Design & Retouching
 - Implied Specialized Skills:
 - Branding & Identity Design (if "template", "brand standards" appear)

2. Based on Brief Description Keywords

- If Brief Description includes "flow", "wireframe", "user testing":

- Implied Skills (must exist in pool to be selected):
 - UX Design (User Experience)
 - UI Design (User Interface)
- If Brief Description includes "cinematic", "graded", "color pass":
 - Implied Skill:
 - Color Grading
- If Brief Description includes "search", "ranking", "keywords":
 - Implied Skill:
 - SEO Content Strategy

Output

Return only the selected skills as a single, comma-separated list, with exact names from the Available Skill Pool and no additional text.

Deployment Steps

1. Set up “Required Skills”, “Content Type”, and “Brief Description” custom fields on your request type.
2. Go to Space Settings → AI Agents → + Custom AI agent and configure as above.
3. Paste the prompt and test in Playground with different request examples.
4. Appoint the agent to your creative intake folder/project.

Expected Results

- Skill requirements are auto-populated based on request details.
- Faster, more accurate resourcing and scheduling.

Questions?

Need help setting up the chain?

Reply to the newsletter or reach out in comments.

Different staleness patterns?

Let us know your use case - we’re collecting examples.

Found an issue?

Use the feedback link in Wrike Labs.



— Marco & the Wrike AI Team