

How to Build the "Smart Organizer" Ecosystem

Phase 1: The Trigger (Shortcuts / Folder Actions)

You need a way to feed the Python script or the AI.

1. Mac/iOS Shortcut:

- Create a shortcut named "Add to Vault".
- **Input:** Receives Images, Files, or Text (URLs).
- **Action:** Save the input to the `Inbox_Camera_Uploads` folder defined in the Python script.
- **Action:** Run the Python script (via "Run Shell Script" in Shortcuts).

Phase 2: The Brain (LLM Integration)

To make the script actually "Smart" (replacing the `mock_ai_analysis` function):

1. **API Key:** Get an API key (Gemini or OpenAI).
2. **Payload:** In the Python script, send the file text (or image base64) + the **System Prompt** (from `AI_Organizer_System_Prompt.md`) to the API.
3. **Parse:** The API returns JSON. Use that JSON to move the file and write the log.

Phase 3: The Review Loop (The "Trajectory")

The most unique part of your request is the "Trajectory" and "Runway" analysis.

1. **Daily:** The script appends every action to `Logs/Daily/{Date}.md`.
2. **Weekly:**
 - Create a separate script or manual task that reads the last 7 daily logs.
 - Feed those 7 logs back into the AI with this prompt:

"Read these daily logs. Compare the work done against my Goal: 'Build a Smart Organizer'. Are we on track? What side-projects (runways) did we discover? Output a Weekly Strategy Document."

The "Business Opportunity" Feature

To achieve the "Find Business Opportunities" goal:

- Ensure your **System Prompt** always includes the "Module B: The Strategist" section.
- The AI will then hallucinate (creatively generate) business ideas based on your dry technical notes.
- *Example:* You upload a note about "fixing a python loop". The AI analyzes it and suggests: "This optimization logic could be useful for Data Scientists processing large CSVs. Potential Micro-

SaaS."