Excellent — this is the perfect time to level up and reframe the project as a **Global Culture Master Directory**. You're no longer just building HTML cards — you're architecting a **modular, scalable cultural intelligence system**.

Let’s break it down into a full system blueprint:

**🌐 Global Culture Master Directory (Project Blueprint)**

**🗂️ 1. Core Objectives**

* Serve as a **central knowledge repository** of cultural profiles
* Support **searchable**, **browsable**, and **printable** culture cards
* Enable **SharePoint deployment**, **PDF export**, and **metadata management**
* Modular + extensible: plug in new cultures, sections, and labels with no disruption

**🏛️ System Structure**

**📁 Content Architecture**

| **Folder / File** | **Purpose** |
| --- | --- |
| parsed\_output/ | JSON data files (.v3.json) for each culture |
| templates/ | Jinja2 HTML templates (e.g., card\_template.html) |
| sharepoint\_output/ | Rendered .html cards |
| sharepoint\_output/index.html | Directory-level homepage for browsing cards |
| settings.yaml (optional) | Custom overrides: template name, sections, labels |
| render\_cards.py | The main rendering engine (you’ve nailed this part) |
| upload\_to\_sharepoint.ps1 | Optional PowerShell script to deploy cards |

**🧱 Functional Modules (Current + Future Ready)**

| **Module** | **Purpose** | **Status** |
| --- | --- | --- |
| 🔄 **Rendering Engine** | Renders .html from .json using templates | ✅ Complete |
| 📤 **SharePoint Uploader** | Uploads rendered files to target SharePoint site | ⚠️ Script pending |
| 📄 **PDF Export (WeasyPrint)** | Generate printable cards | ✅ Ready, optional |
| 🧪 **Dry Run / Logging** | Render preview + logs | ✅ Integrated |
| 🔍 **Search/Filter Bar** | In-card filtering | ✅ Present |
| 📚 **Master Index Page** | Links to all rendered cards | ✅ Auto-generated |
| ⚙️ **Global Settings** | Overrides via settings.yaml | ✅ Integrated |

**💡 What's Next (Strategic Direction Options)**

**1. 🔍 Interactive Global Directory Page**

* Global search across cultures (via JS or Python pre-processing)
* Filter by region, language, tags
* Sort alphabetically, by completeness, or by last update
* Maybe even: “Random Culture” button

**2. 📁 Culture Detail Enhancements**

* Add: breadcrumb navigation
* Add: PDF download button
* Optional: collapsible sections for mobile-friendliness
* Flag emojis for regional flair

**3. 💾 Versioning and Metadata**

* Track: date created, last updated, contributor
* Embed source metadata (from source\_docx)
* Show % completeness based on missing fields

**4. 🔄 Live Sync & Automation**

* One-click re-render + upload
* GitHub-based trigger system for new entries
* Future: AI-generated insights/summary

**🔧 Suggested Next Action**

Would you like to start with any of these?

1. **🏁 Design a master index.html homepage** for the Global Directory with:
   * Search/filter by name or region
   * List/grid toggle
   * Links to individual culture card .html files
2. **🎨 Improve card UX**: make it more printable, collapsible, or visual
3. **📦 Build a metadata manifest** — 1 JSON or YAML file with metadata for each entry (name, region, missing fields, last updated)
4. **🪄 Automate SharePoint Upload Pipeline**

Let me know which one (or several) you'd like to tackle next, and I’ll break it into manageable bricks. We’re basically at the architectural milestone of this project — it’s about to become really powerful.

**🌐 Updated Plan for the Global Culture Master Directory**

**🏁 1. Master index.html Homepage**

**Features:**

* ✅ Search by:
  + culture\_name
  + region
  + language\_tags *(new!)*
* ✅ Toggle: List/Grid view
* ✅ Each result links to its full .html culture card
* 🔁 Language → Culture reverse mapping:
  + Search or click on a language to reveal all related cultures
  + Future option: tag cloud or sidebar index for quick access

**📦 2. Metadata Manifest Enhancements**

We’ll now extract and track:

* culture\_name
* region
* language\_tags (e.g. ["Somali", "Arabic"])
* missing\_fields
* last\_updated
* filename

**Sample manifest entry:**

json

CopyEdit

{

"filename": "somali.html",

"culture\_name": "Somali",

"region": "SO",

"language\_tags": ["Somali", "Arabic"],

"last\_updated": "2025-07-01T22:14:00",

"missing\_fields": ["Economic Life", "Legal System"]

}

This file (manifest.json) will power:

* The homepage's dynamic search/filter
* Potential analytics or visualizations
* SharePoint upload tracking (if needed)

**🔎 3. Language Reverse Index View**

We can generate a second page: languages.html, or embed this into index.html.

**Functionality:**

* List all languages alphabetically
* Clicking a language filters all cultures with that tag
* Optional: show number of associated cultures per language

**✅ Immediate Build Order:**

1. Generate manifest.json with full metadata for all cultures
2. Update render\_cards.py to:
   * Log this file after rendering loop
   * Normalize and deduplicate language tags
3. Build enhanced index.html with:
   * Search by name, region, language
   * Optional filters: missing data, region groups
4. Implement basic reverse-lookup from language → cultures