🧹 Step 1: Clean Up the Code
Before splitting, ensure the code is readable and maintainable:

- Consistent formatting: Use a formatter (e.g., black for Python, prettier for JS) to standardize indentation and spacing.
- Clear naming: Rename variables and functions to reflect their purpose (e.g., generate_caption() instead of genCap()).
- Remove dead code: Delete unused imports, functions, and commented-out blocks.
- Add docstrings/comments: Briefly explain the purpose of each function or section, especially for legacy clarity.

🧩 Step 2: Logical Sectioning Strategy
Here's a modular breakdown tailored to your publishing and launcher workflows:

1. Core Logic

- Main orchestration functions
- Entry points (e.g., CLI or GUI triggers)
- Restart-safe guards and error handling

2. Configuration & Constants

- Paths, environment variables, user settings
- Language toggles (EN/NL), layout presets (A4, margins, fonts)
- Legacy-safe defaults and override flags

3. Content Processing

- Markdown/Typst/LaTeX parsing
- Caption generation, bilingual summaries
- Image layout logic (full-width vs side-by-side)

4. File I/O & Launchers

- Batch script generation
- File reading/writing (PRN, PDF, SVG)
- CMD launcher logic and restart-safe wrappers

MyCCv00 — Empathic Medicine Template

5. Visualization & Export

- Seesaw chart generation
- Accessibility tweaks (high contrast, alt text)
- Export routines (Typst, legacy-safe formats)

6. Utilities

- Logging, timestamping, versioning

- Error messages and fallback routines
- Manual override helpers for disaster recovery

7. Testing & Validation

- Unit tests or manual test scaffolds
- Validation of output structure and legacy compatibility

This Overleaf-compatible LaTeX system supports:

- A4 layout with medium margins
- Bilingual summaries (EN/NL)
- Manual image insertion (SVG, PDF)
- Per-chapter bibliographies
- Clean, restart-safe modularity

To use:

1. Upload all `.tex`, `.bib`, and image files to Overleaf
2. Compile `main.tex`
3. Add chapters and images as needed

Legacy-safe. Child-friendly. Advocacy-ready.

- Loads modular files like config.tex, titlepage.tex, and chapters
- Supports bilingual summaries (EN/NL)
- Inserts images manually (e.g., SVG, PDF)
- Leaves space for per-chapter bibliographies?
  Or shall we begin with config.tex to define your layout, fonts, and caption styles

☑ 1. Format and lint

- Use tools like black (Python), ruff, or flake8 to auto-format and catch issues.
- Ensure consistent indentation, spacing, and line length.

☑ 2. README.md
Document:

- Module purpose
- How to run
- How to recover from failure
- How to extend (e.g., add new chart types)

Add section Headings

=== CONFIGURATION ===

Constants, paths, language toggles

=== CORE LOGIC ===

Main orchestration, restart-safe guards

=== CONTENT PROCESSING ===

Captioning, summaries, parsing

=== FILE I/O ===

Read/write PRN, PDF, SVG

=== VISUALIZATION ===

Seesaw charts, layout logic

=== UTILITIES ===

Logging, error handling

🧱 Phase 2: Split into Modules
🗂 Suggested file structur

```
cced_toolkit/
├── __init__.py
├── config.py # Constants, paths, toggles
├── core.py # Entry points, restart-safe orchestration
├── content.py # Captioning, summaries, parsing
├── io_utils.py # File I/O (PRN, PDF, SVG)
├── visualizer.py # Seesaw charts, layout logic
├── launcher.py # CMD/batch logic
├── legacy_safe.py # Guards, fallback routines
├── utils.py # Logging, versioning, error messages
└── main.py # Final CLI or GUI entry point
```

☑ 3. Add docstrings and inline comments

- Every function should have a docstring explaining its purpose and parameters.
- Use comments to clarify legacy-safe decisions, fallback logic, or ethical safeguards.

MyCCv00/
├── main.tex
├── config.tex
├── bookfront.tex
├── chapter1.tex
├── chapter2.tex
├── bibliography1.bib
├── bibliography2.bib
├── images/
│ ├── icon.svg
│ ├── seesaw_chart1.svg
│ └── layout_example.pdf
└── README.md

- ☑ Honors restart-safe workflows
- ☑ Supports modular, bilingual publishing
- ☑ Lets you control every layout nuance
- ☑ Aligns with legacy usability for future reformers

🔍 What Your Figshare Work Reveals

- Blog-style chapters: Each article stands alone with its own title, subtitle, and author—perfect for MyCCv00's modular chapter design.
- Advocacy tone: You explain workflows, ethical dilemmas, and systemic distortions in healthcare—this aligns with your goal to publish Empathic Medicine as a reformist handbook.
- Team-building intent: You invite programmers and reformers to collaborate—MyCCv00's restart-safe structure supports that by being readable, editable, and extendable.

🧱 chapter3.tex — Based on "How Doctors Think"
This will include:

- Article-style title block (title, subtitle, author)
- Bilingual summary (EN/NL)
- Two-column layout
- Manual image placeholder
- Per-chapter bibliography hook

🧱 How MyCCv00 Honors Your Figshare Legacy
	chapterX.tex
	bibliographyX.bibrefsection
	\includegraphics{}
	\input{}

🧠 Bonus: Legacy-Safe Tips

- Use try/except with clear fallback messages

- Avoid global state; pass config explicitly
- Use .bat or .cmd wrappers for non-technical users
- Keep all outputs in a build/ or output/ folder for clarity

🧠 Bonus: Legacy-Safe Tips

- Use try/except with clear fallback messages
- Avoid global state; pass config explicitly
- Use .bat or .cmd wrappers for non-technical users
- Keep all outputs in a build/ or output/ folder for clarity

EmpathicMedicine/
├── main.tex % Entry point
├── config.tex % Page layout, fonts, margins
├── titlepage.tex % Optional image, copyright, date
├── chapter1.tex % Unnumbered chapter with bilingual summary
├── chapter2.tex
├── bibliography1.tex % Per-chapter or summary bibliography
├── images/
│ ├── seesaw_chart1.svg
│ └── layout_example.pdf
└── README.md % Legacy-safe documentation

manual insertion

```
\documentclass[12pt]{article}
\usepackage{caption}
\captionsetup{font=it, size=small}

\usepackage[a4paper,margin=2.5cm]{geometry}

\usepackage{graphicx}
\includegraphics[width=\textwidth]{images/seesaw_chart1.svg}

\usepackage[backend=biber]{biblatex}
\addbibresource{bibliography1.bib}

\begin{refsection}
% Chapter content
\printbibliography
\end{refsection}

\section*{Chapter Title}

\usepackage[english,dutch]{babel}
% Switch with \selectlanguage{dutch} or \selectlanguage{english}
```

Sources:

How Doctors Think – Figshare archive

https://scholar.archive.org/work/sk62jbyz6rcqxivjg376ymbaf4