PM Standards Hub — User Guide

This app helps you explore, compare, and apply three major project management standards: PMBOK 7, PRINCE2, and ISO 21500. Use it to quickly learn concepts, compare topics side-by-side, open precise references in the official PDFs, and generate a tailored project management plan.

Who this guide is for

- Project managers and teams comparing standards

- Students preparing for certifications

- Organizations standardizing delivery methods

Getting Started

Open the app in your browser. The top navigation bar gives quick access to all pages. Core workflows:

- Pick a topic on **Home** → jump to **Compare**

- Browse the **Standards Library** → open deep links to the PDFs

- Use **Bibliography** to search references and open exact pages

- Generate a tailored plan with the **Process Generator**

Find What You Need Fast (Step-by-Step Recipes)

Below are the fastest paths to common goals.

Find how a specific topic is treated across standards (fastest)

1. **Home** → **Quick Compare** → select topic → **Compare**

2. Review the **side-by-side cards** and the **Summary & Insights** panel.

3. Click **"View Full Section"** on any card for details in the Library, or use **Bibliography** links to open the exact PDF pages.

Get a quick, single-page understanding of a topic

1. Go to the **Compare** page.

2. Select your topic using the search bar.

3. Read the **Summary & Insights** panel for a consolidated view of similarities, differences, and unique points.

4. Open **References** under each standard card for primary sources.

Cite authoritative sources for a topic

1. Go to **Bibliography**.

2. Filter by **Topic** and/or **Standard**, or search by keyword.

3. Click **Open PDF** to jump to the exact page (e.g., /Books/PMBOK7.pdf#page=35).

Explore everything a standard says about multiple topics

1. Open **Standards Library**.

2. Pick a standard tab (PMBOK 7, PRINCE2, ISO 21500).

3. Use the left **Contents**; scan sections; open **References** under each topic as needed.

Create a tailored plan (for project proposals/charters)

1. Home → "Customize your plan" or go to **Process Generator**.

2. Choose **Project Type, Duration, Risk**; click **Generate Recommendation**.

3. **Download PDF** (templated and ready to share).

Navigation Overview

- **Home:** Overview and quick actions.

- **Standards Library:** Full content per standard with sections, key points, and references.

- **Compare Topics:** Side-by-side comparison **and a consolidated Summary & Insights view** for a selected topic.

- **Bibliography:** Global references browser with search and filters; opens PDFs at exact pages.

- **Process Generator:** Create and download a tailored PM process plan as a PDF.

Top navigation behavior:

- The nav is sticky; it remains visible as you scroll.

- Active section is highlighted for context.

- Links are client-side (instant), preserving scroll where applicable.

Home

- **Quick Compare:** Choose a topic and click "Compare" to go directly to the comparison.

- **Open Bibliography for Topic:** Opens the Bibliography filtered to the chosen topic and auto-opens the first relevant PDF page.

- **Customize your plan:** Navigate to the Process Generator to create a tailored plan.

Tip: The default topic is set for convenience; change it using the dropdown.

Standards Library

Browse each standard's sections with structured content:

- **Contents:** Table of contents for the selected standard on the left.

- **Section View:** Title, content, key points, and key practices.

- **References:** Under each topic, you'll find bibliography links that open the exact page in the corresponding PDF.

Actions per section:

- **Compare with Other Standards:** Deep-link to the Compare page for that specific topic.

- **View Bibliography:** Jumps to the Bibliography page with the topic pre-selected.

Finding topics fast in Library:

- Use the top search to match across titles, content excerpts, and key points.

- Click a result to auto-scroll to that section.

Tips:

- *Use the search bar at the top to search across all standards by keywords; click a result to jump to the section.*

- *Bookmarks: Click the bookmark icon to mark sections (visual indicator per session).*

Compare Topics

Compare how PMBOK 7, PRINCE2, and ISO 21500 treat the same topic and get a consolidated summary.

- **Topic selector:** Pick your topic. Start typing to reveal a suggestion dropdown.

- **Standards selection:** Toggle which standards to include (min. 2).

- **Summary & Insights Panel:** A single-page overview with similarities, differences, and unique points across standards.

- **View Full Section:** Opens the section inside the Standards Library for deeper reading.

- **Bibliography:** Per-standard references with deep links to PDF pages.

- **Export:** Download a concise comparison as a PDF.

Power-user tips:

- *Use URL deep links like* /compare?topic=risk-management *to share preconfigured views.*

- *Hide a standard temporarily by unchecking it to focus on the others.*

Bibliography

Search and filter references across all standards.

- **Search:** Find references by title, description, or file name.

- **Filters:** Narrow by Standard (PMBOK 7, PRINCE2, ISO 21500) or Topic.

- **Open PDF:** Opens the exact PDF page (e.g., /Books/PMBOK7.pdf#page=35).

Note: Ensure your PDFs are present in public/Books with the expected names (PMBOK7.pdf, PRINCE2.pdf, ISO21500.pdf). Update paths/page numbers in src/data/references.ts if needed.

Process Generator

Create a tailored PM plan based on project characteristics.

1. Choose **Project Type, Duration, and Risk Level**.

2. Click **Generate Recommendation**.

3. Review the recommended elements and success factors.

4. **Download PDF:** A styled PDF is generated with header, meta, wrapped content, and footer.

Tips:

- *Copy to clipboard to paste into your PM documents quickly.*

- *The PDF template is a concise, text-first template for portability.*

Finding What You Need (Search Tips)

- **Topic names:** Try "Stakeholder Engagement", "Risk Management", "Quality Management", "Change Management", "Governance".

- **Concept keywords:** "register", "stage gate", "performance domain", "principles", "assurance".

- **Partial words:** Type a prefix to trigger suggestion matches quickly in Compare.

Where to search when:

- Need authoritative content? Use **Library** search.

- Need fast orientation and comparison? Use **Compare** page.

- Need sources for citations? Use **Bibliography** search/filters.

Best Practices

- **Start broad, then narrow:**

  o Use the **Summary & Insights** panel on the **Compare** page to get the big picture.

  o Use the **side-by-side cards** on the **Compare** page to examine differences.

  o Use **Library** for authoritative detail.

  o Use **Bibliography** to cite and read original sources.

- **Save time with deep links:** open PDFs at the exact page for quick verification.

- **Tailor your approach:** use the **Generator** to produce a PDF plan you can attach to charters or proposals.

Shareable links:

- Any page with a topic parameter (e.g., /compare?topic=stakeholder-engagement) can be shared to reproduce the view.

Troubleshooting

- **PDF opens to a 404:**

    o Confirm the PDF file exists under public/Books and matches the name in src/data/references.ts.

    o Restart the dev server after adding files.

Suggestions not showing:

    o Ensure you typed at least one character.

    o Try a broader keyword or a known topic title.

PDF export shows odd characters:

    o Emojis are sanitized by default; to keep them, embed a Unicode font in the PDF (requires a code change).

Styling looks different in PDF vs app:

    o The PDF is a concise text-first template for portability; paste into your own document templates if needed.