

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 or Summary
- 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 side-by-side cards; click “View Full Section” for details in the Library
 3. Use Bibliography blocks on Compare to open the exact PDF pages
- Get a quick, single-page understanding of a topic
 1. Home → View Summary (or go to Summary and start typing in its search)
 2. Read Similarities, Differences, Unique Points
 3. Open References under each standard 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.pdfpage=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 across standards for a selected topic
- Summary: Consolidated view of a topic with similarities/differences and unique points
- Bibliography: Global references browser with search and filters; opens PDFs at exact pages
- Insights Dashboard: High-level metrics and highlights (read-only)
- 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.
- View Summary: See a consolidated summary of the topic across standards.
- 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 (deep link updates the URL to /library/:standardId/:sectionId).

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.

- Topic selector: Pick your topic. Start typing to reveal a suggestion dropdown with topic titles and related matches from content.
- Standards selection: Toggle which standards to include (min. 2).
- 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.

Search suggestions UX:

- Type a keyword: the dropdown prioritizes title prefix matches, then broader content matches.
- Click a suggestion to auto-select the topic and close the dropdown.

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.

- Summary

A single-page overview for a chosen topic:

- Top search box: start typing to see suggestions and select a topic
- Standard cards: Summaries with key points per standard
- Analysis section: Similarities, differences, and unique points across standards

- References: Per-standard links under each card to view primary sources

Use this page for quick orientation before diving deeper.

- 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.pdfpage=35)

Deep linking:

- You can navigate to /bibliography?topic=<topicId>&autoOpen=1 to filter and automatically open the first matching reference.

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.

Reference selection strategy:

- Results show items curated per topic and standard; click any to validate source language quickly.
- In Compare/Summary/Library, references are also shown contextually for the current topic.

- Insights Dashboard

Provides high-level views or summaries (when available). Use it to orient stakeholders with a quick, non-technical overview.

- 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 avoids emoji rendering issues by default. To keep emojis, consider using an embedded Unicode font (contact devs to enable).

Design choices (what the generator optimizes for):

- Clarity over length: readable bullets instead of walls of text.
- Cross-standard hints: blends strengths of PMBOK, PRINCE2, ISO when appropriate.
- Shareable artifact: default PDF format suitable for emails or charter appendices.

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 or Summary.
- Cross-standard search: Use Library search for a unified index across all standards.

Where to search when:

- Need authoritative content? Use Library search.
- Need fast orientation? Use Summary search.
- Need to pick a topic to compare? Use Compare suggestions.
- Need sources for citations? Use Bibliography search/filters.

Best Practices

- Start broad, then narrow:
 - Use Summary to get the big picture
 - Use Compare to examine differences
 - Use Library for authoritative detail
 - 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:
 - Confirm the PDF file exists under public/Books and matches the name in src/data/references.ts
 - Restart the dev server after adding files

- Suggestions not showing:
 - Ensure you typed at least one character
 - Try a broader keyword or a known topic title
- PDF export shows odd characters:
 - 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:
 - The PDF is a concise text-first template for portability; paste into your own document templates if needed.

FAQ

- Can I compare more than three standards?
 - The app focuses on PMBOK 7, PRINCE2, and ISO 21500. You can extend the dataset if needed.
- Can I add new topics or update references?
 - Yes. Update content in `src/data/standards-data.json` and references in `src/data/references.ts`.
- How do deep links work?
 - Internal routes preserve topic IDs in the URL (e.g., `/compare?topic=<id>`), and PDF links include page anchors (`page=N`).

Contact / Feedback

If you have ideas or find issues, share feedback with the development team so we can improve topic coverage, references, and export templates.