Comprehensive Test Document

This is a test document to verify the TOC page numbers feature.

Table of Contents

1 Introduction

This section introduces the document and provides context for the testing of the TOC page numbers feature. We want to ensure that the page numbers show up correctly in the table of contents for print-friendly navigation.

1.1 Background

The TOC page numbers feature addresses a critical need for documents that are printed or saved as PDFs. When printed, clickable links become useless, so having actual page numbers in the table of contents becomes essential for navigation.

2 Main Features

This section covers the main features of the system.

2.1 Feature 1: Placeholder Generation

The system generates P# placeholders in the HTML that are later replaced with actual page numbers in the PDF.

2.2 Feature 2: PDF Post-processing

After PDF generation, the system parses the PDF to find headings and their actual page locations, then replaces the placeholders with the correct page numbers.

Subfeature 2.1: Heading Detection

The system uses font size analysis to identify headings in the PDF document.

Subfeature 2.2: Placeholder Replacement

Once headings are located, placeholders are replaced with accurate page numbers.

3 Configuration Options

Users can control the behavior through command-line flags:

- `--no-page-numbers`: Disables page numbers completely
- `--no-toc`: Disables the table of contents entirely

4 Conclusion

This document demonstrates the TOC page numbers feature across multiple pages with various heading levels. The system should correctly identify all headings and provide accurate page numbers in the table of contents.