

# Core Features and Stress Cases

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### Core Features and Stress Cases

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This document consolidates the baseline feature coverage and common stress scenarios.

## Text Formatting

You can use **bold**, *italic*, or ~~strikethrough~~ text.

This is a blockquote.

It can span multiple lines.

## Code Highlighting

Here is some JavaScript code:

```
function greet(name) {  
  console.log(`Hello, ${name}!`);  
}  
  
greet('World');
```

And some Python:

```
def fib(n):
    a, b = 0, 1
    while a < n:
        print(a, end=' ')
        a, b = b, a+b
    print()

fib(1000)
```

## Mathematics and Emoji

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Inline math:  $E = mc^2$  and  $\sqrt{a^2 + b^2} = c$ .

Display math:

$$\frac{n!}{k!(n-k)!} = \binom{n}{k}$$

Complex equation:

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}$$

Mixed math and emoji:

Happy  $\sum$  Emojis 😊

Emoji coverage:

- Basic: 😊 😂 😅 😊
- Flags: 🇨🇳 🇺🇸 🇯🇵 🇫🇷
- Symbols: 💡 💾 💪 💡
- Skin tones: 👍 👍 👍 👍 👍

## Tables

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| Feature  | Support | Status      |
|----------|---------|-------------|
| Markdown | Yes     | Done        |
| PDF      | Yes     | Done        |
| Math     | Yes     | In Progress |

## Footnotes

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Here is a simple footnote<sup>1</sup>.

## Lists

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- Item 1
  - Item 2
    - Subitem 2.1
    - Subitem 2.2
  - Item 3
1. First
  2. Second
  3. Third

## Page Break

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This paragraph starts on a new page.

## Long Lines and Wrapping

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This is a very long line of text that should wrap properly instead of extending beyond the page boundaries and causing the renderer to zoom out to fit everything. Let's add some more text here: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

## Long Code Block

```
This_is_a_very_long_string_without_any_spaces_that_might_cause_issues_if_it_does_not_wrap_properly_in_the_final_pdf_output_as_it_will_force_the_page_to_be_wider_than_expected.
```

## Wide Table

| Header<br>1                       | Header<br>2                       | Header<br>3                       | Header<br>4                       | Header<br>5                       | Header<br>6                       | Header<br>7                       | Header<br>8                       |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| This is some content for column 1 | This is some content for column 2 | This is some content for column 3 | This is some content for column 4 | This is some content for column 5 | This is some content for column 6 | This is some content for column 7 | This is some content for column 8 |

## Long URL

<https://www.example.com/some/very/long/path/to/a/resource/that/might/not/wrap/properly/and/cause/layout/issues/if/it/is/not/handled/correctly/by/the/css/styles/of/the/document>

## Navigation

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[Go to navigation target](#)

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## Footnotes

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1. This is the footnote content. 