

- [Markdown Overview](#)
 - [Main Features](#)
 - [1. Code Blocks](#)
 - [2. LaTeX Formulas](#)
 - [3. Tables](#)
 - [4. Flowcharts](#)
 - [5. Checkboxes](#)
 - [6. Images](#)
 - [7. Blocks](#)
 - [Definition](#)
 - [Emoji](#)
-

Markdown Overview

Markdown is a lightweight markup language that allows people to write documents using a plain text format that is easy to read and write, and then convert them into richly formatted HTML pages. — [Wikipedia](#)

Main Features

1. Code Blocks

```
1  @requires_authorization
2  def somefunc(param1="", param2=0):
3      """A docstring"""
4      if param1 > param2: # interesting
5          print 'Greater'
6      return (param2 - param1 + 1) or None
7
8  class SomeClass:
9      pass
10
11
12  if __name__ == '__main__':
13      print 'hello world'
```

Inline code: `pip install md2html-python`

2. LaTeX Formulas

You can create inline formulas, for example: $\Gamma(n) = (n-1)! \int_0^\infty x^{n-1} e^{-x} dx$.

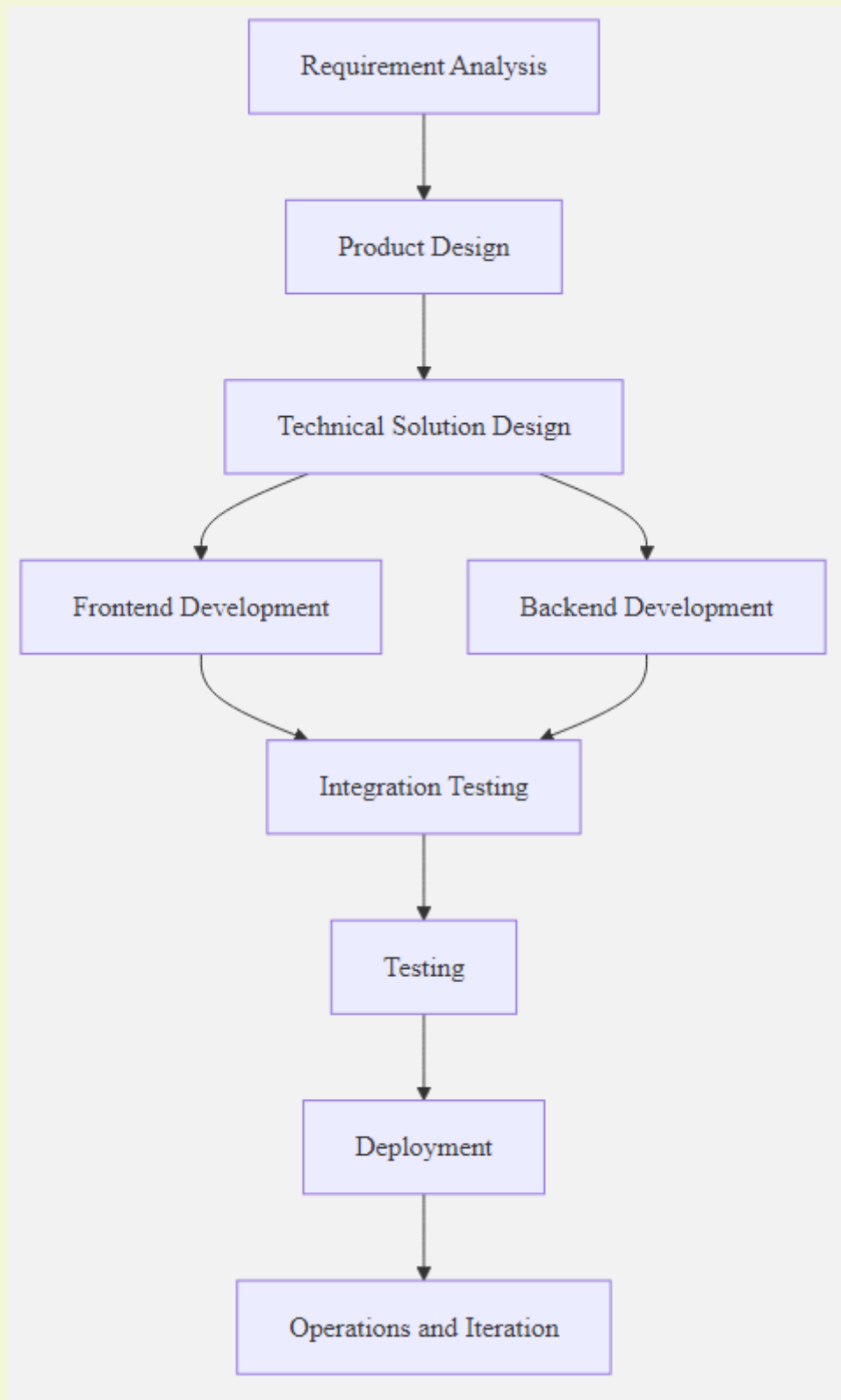
Or block-level formulas:

```
1  $$
2  x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}
3  $$
```

3. Tables

Item	Value	Qty
Computer	1600 USD	5
Phone	12 USD	12
Pipe	1 USD	234

4. Flowcharts



5. Checkboxes

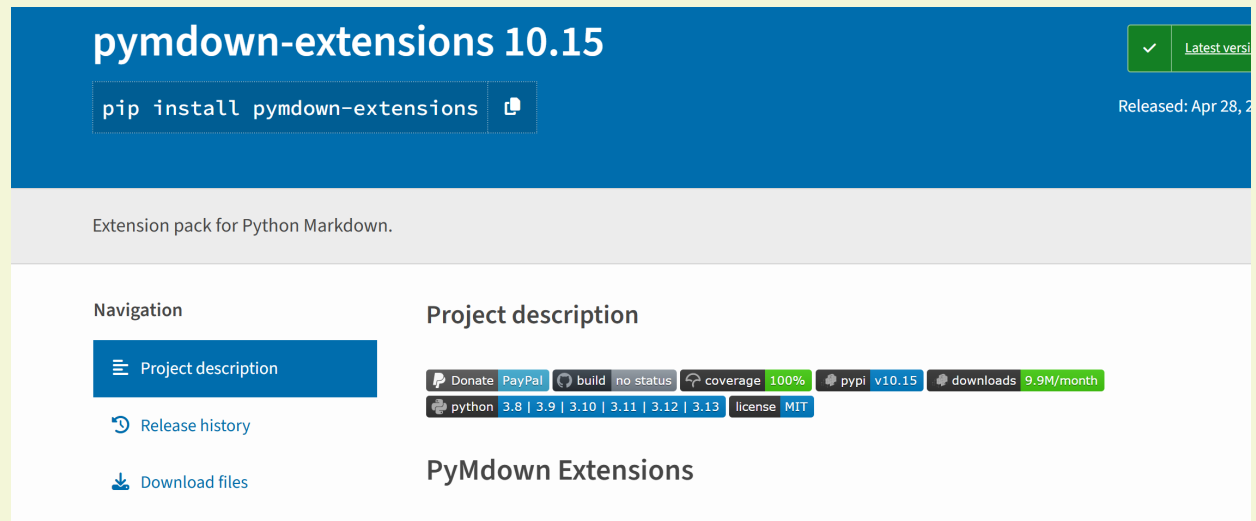
Use `- []` and `- [x]` syntax to create checkboxes, useful for todo-lists. For example:

☒ Completed item

☐ Todo item 1

☐ Todo item 2

6. Images



7. Blocks

Definition

Apple

Pomaceous fruit of plants of the genus *Malus* in the family *Rosaceae*.

Emoji



This is a text with link: [Wikipedia](#)