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

```python
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: $\Gamma(n) = (n-1)!\quad\forall n\in\mathbb N$.

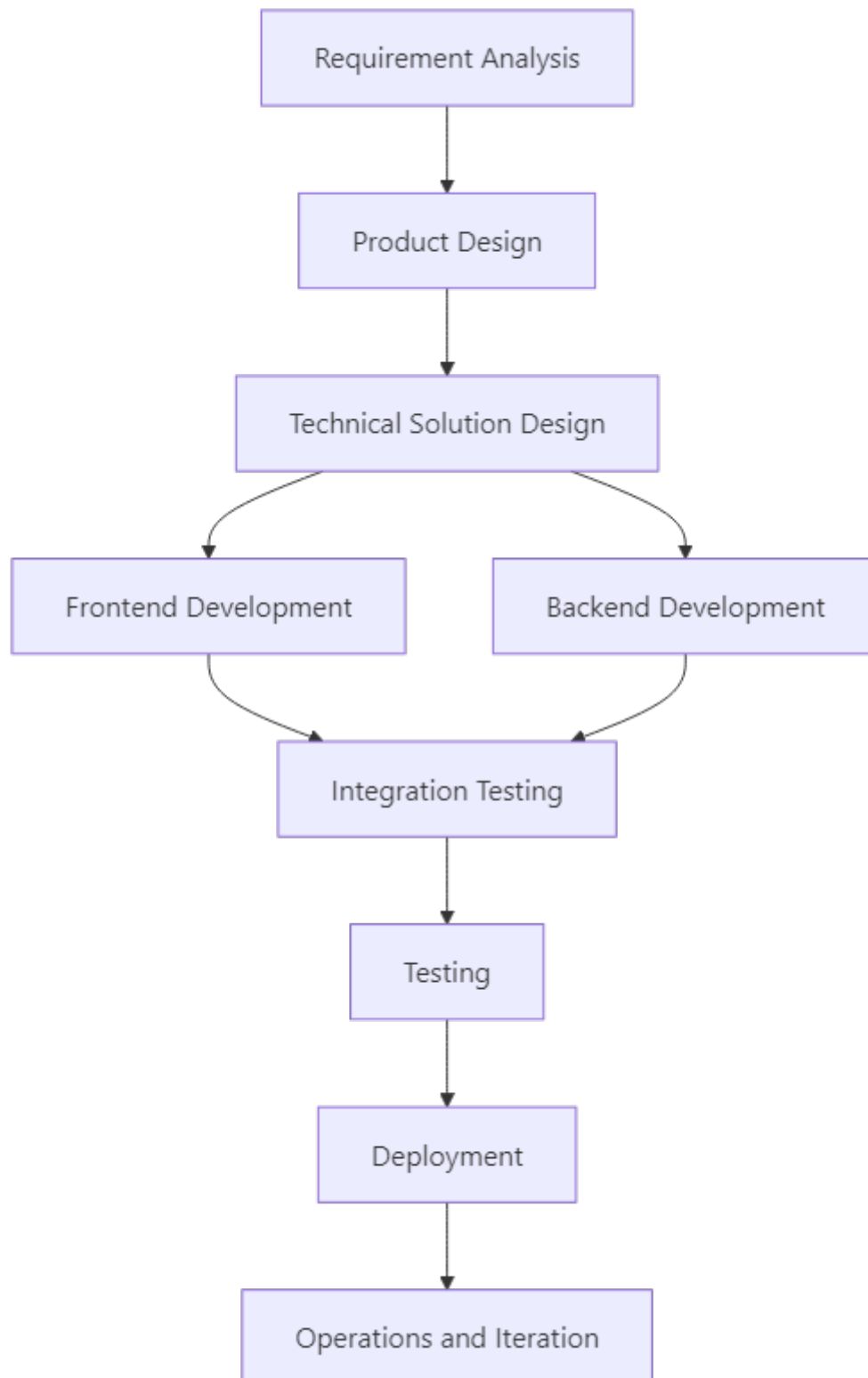Or block-level formulas:

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

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](#)