

The design pattern are categorized in three main groups.

**Creational Pattern:**

1. Singleton Pattern.
2. Factory Method Pattern.
3. Abstract Factory Pattern.
4. Builder Pattern.
5. Prototype Pattern.
6. Lazy Initialization Pattern.

**Structural Pattern:**

1. Bridge Pattern.
2. Composite Pattern.
3. Decorator Pattern.
4. Facade Pattern.
5. Flyweight Pattern.
6. Proxy Pattern.

**Behavioral Pattern:**

1. Strategy pattern.
2. Chain of Responsibility pattern.
3. Command Pattern.
4. Interpreter Pattern.
5. Memento Pattern.
6. State Pattern.
7. Template Method Pattern.
8. Visitor Pattern.
9. Mediator Pattern.