

# Feature name

## Description

- Objectives

## Traceability

- Requirements
- User stories (link)
- Technical documentation
- User documentation
- Contact

## User Interface

- Command Line Interface
  - Arguments
- Graphical User Interface
  - Prototype
  - User interactions
  - Ergonomy
    - \* Number of clicks

## Architecture

- Technologies
  - Languages
  - Framework

- Third parties
  - \* Licence

- Component diagram
  - Dependencies
  - Interface
  - Data formats
  - Interaction
- Error/Exception management

## Design

- Evolutivity
- Genericity
- Limitations
- Class diagram
  - Role of classes
  - Design-patterns
- Sequence diagram
- Configuration
  - Settings
  - Provider (file, database, ...)

## Implementation

- Initial refactoring
- Processing
  - State diagram
  - Algorithm
    - \* Cases to implement
    - \* Cases NOT to implement
- Data
  - Size (min / average / max)
- Performance
  - Threading (mono/multi)
  - Execution time
  - Memory consumption

## Testing

- Use-cases
  - Given ... When ... Then ... (link)
  - Use-case diagram
- Strategy
  - Mock-up
  - Integrated

- Execution
  - Manual tests
  - Automatic tests
- Test types
  - Unit tests (Nominal/Off cases)
  - Functional tests
  - Integration tests
  - Usability Tests
  - UI Tests
- Coverage
  - Percentage expected

## Deployment

- 

Source: (link)  
Generation date: September 12, 2016  
Author: Gilles Besançon  
GitHub LinkedIn