Use Case - detailed description - template:

Main flow

1. Actor <verb> (provide data, request data, request service, make decision. Present active form)
2. System <verb> (register data, show data, check rules, process data)
3. Actor <verb>
4. System <verb>
5. System <verb>
6. Actor <verb>
7. ..

Alternate flows

2a: Rule XX violated (*trigger)*

    1. System <verb>
    2. Rejoin at step 1

*a: At any time: connection to external service is lost
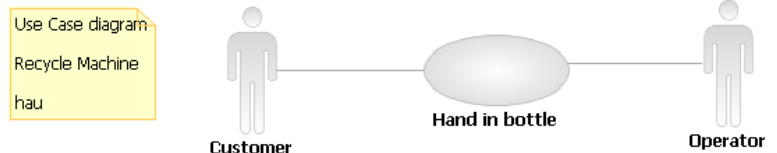
    1. System displays error message
    2. use case ends

Use Case - detailed description - example:

System: Recycling Machine

Use Case: Return bottle

Main success Scenario

Use Case diagram
Recycle Machine
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Customer — Hand in bottle — Operator

1. Customer places bottle in machine
2. System carries the bottle away
3. System increases counter
4. System displays value of counter
       step 1-4 is repeated until customer is done

5. Customer indicates done
6. System prints receipt

Alternate Flows

2a. Bottle gets stuck

    1. System sounds alarm
    2. Operator removes bottle
    3. Rejoin at step 3

4a. More than 15 sec. has elapsed since last bottle was inserted

    1. System prints receipt
    2. Use case ends