This is a small example of how the ooaduc.sty file can be used. It contains two use cases, the first one being more or less a template. The second one actually contains the data describing the use case of disarming an alarm system.

List of Use Cases

UC1: Arm Alarm System

Scope:	System-wide
Level:	User-goal
Primary Actor:	House Owner

Stakeholders and Interests:
- Stakeholder 1 name: his interests
- Stakeholder 2 name: his interests

Preconditions:
- Precond 1
- Precond 2

Successful Outcome:	A successful outcome.

Failure Outcomes:

Failure	Outcome
Failure 1	Result of Failure 1
Failure 2	Result of Failure 2

Postconditions (success guarantee):
- Post cond 1
- Post cond 2

Main Success Scenario:

1. The first action

2. The second action

Extensions (Alternative Flows):

2.a Invalid login data:
1. System shows failure message
2. User returns to step 1

5.a Invalid subscriber data:
1. System shows failure message
2. User returns to step 2 and corrects the errors

Special Requirements:
- first applicable non-functional requirement
- second applicable non-functional requirement

Technology and Data Variations List:
  1a. Alternative first action with other technology

Frequency of Occurrence: often

Open Issues:

I1: There is an issue. . .

I2: Another longer issue with multiple, one meaningless word after another just to make a very long sentence. . .

   Resolution for I2: has been resolved with some information and is no longer in the list of open issues.

UC2: Disarm Alarm System

Scope:	Authentication and system disabling
Level:	Primary Task
Goal:	Quick, safe and straight forward disarming of the alarm system
Primary Actor:	House Owner
Secondary Actor:	Police

Preconditions:
- Alarm system is armed and active (see UC1 on page 2).
- User knows the disarming procedure and remembers the password.

Successful Outcome:	System is disarmed.

Failure Outcomes:	Failure	Outcome
	Password has been entered too slowly.	System resp. alarm goes off.

Main Success Scenario:

1. User enters house.

2. System starts timer for alarm to go off.

3. User enters 4 digit password.

4. System recognizes password and disarms alarm.

5. Use case ends successfully.

Extensions (Alternative Flows):
4.a Password wrong:
  1. System recognizes wrong password and signals wrong password.
  2. Use case continues with step 3
4.b Timer goes off.
  1. System recognizes that time to enter password is over and sets off the alarm.
  2. Use case ends with failure.

Miscellaneous:

- It takes user approx. 1 minute to reach kitchen after entering through front door and taking off shoes and coat.
- Definition: Alarm goes off = sound siren at the house and notify police

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Open Issues:

I3: Should the alarm go off immediately if house is entered through back door?

List of Open Issues