



Project

Magellan's Race - 500 years

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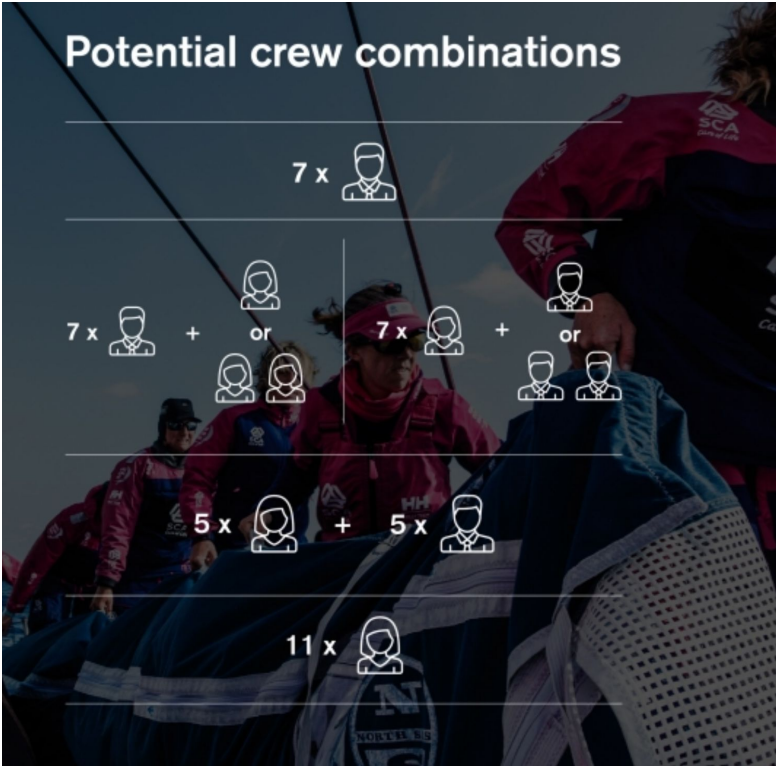


Sailing race



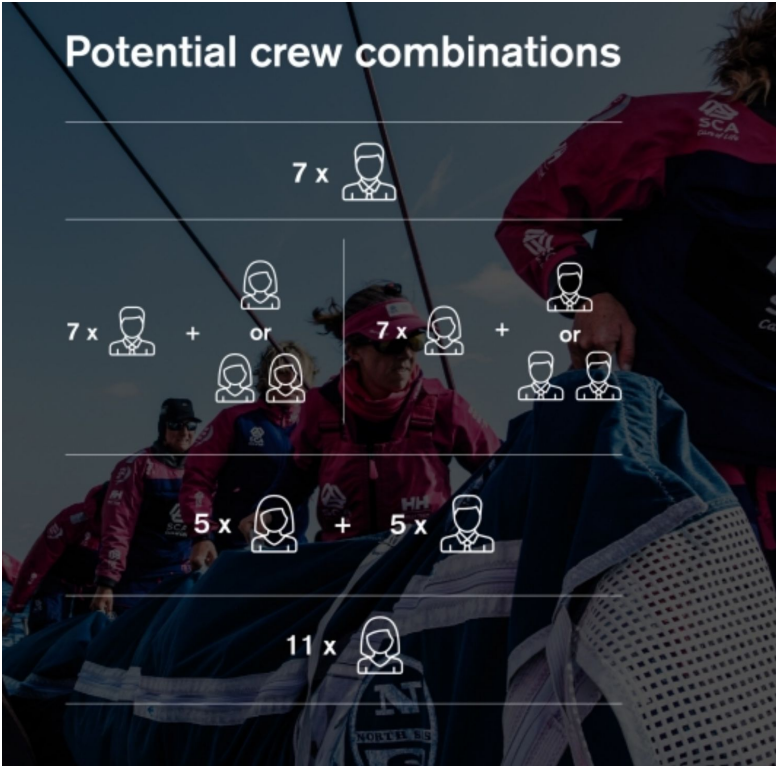
Technology

Crew Combos



Technology

Crew Combos



Submission



First Phase:

- Submission in Moodle the written report in PDF for the first phase is: **23/10/2019 at 24h00 (hard deadline)**.
- For every slot of 4 hours past this deadline (starting with 1 point penalty at 0h00), you will receive a 1 point penalty in the classification (6 points per day).

Second phase is:

- Submission in Moodle the written report in PDF for the first phase is: **4/12/2019**.
- For every slot of 4 hours past this deadline (starting with 1 point penalty at 0h00), you will receive a 1 point penalty in the classification (6 points per day).

Submission



- We will schedule oral discussions for defending this work is scheduled for the week of 9/12/2019 to 13/12/2019.
- The presence of all the four team members is mandatory.
- All team members must be knowledgeable of the whole content of the written report to be discussed.
- The discussions will happen after the delivery in the second phase.
- For that you should go to the secretary of the department after submitting the project and block your slot in the agenda in paper that will provided to you there.

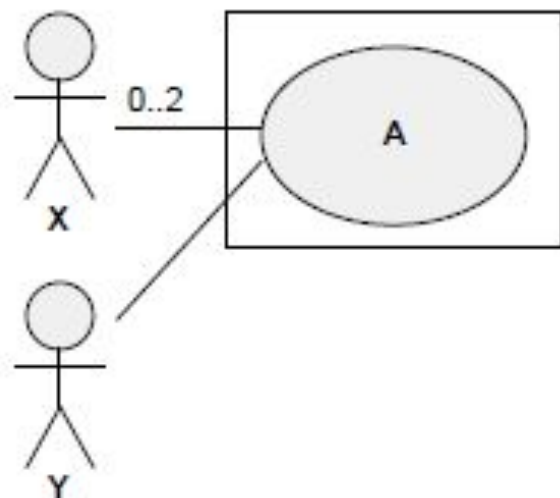


Module 2

Use Cases (additional remarks)

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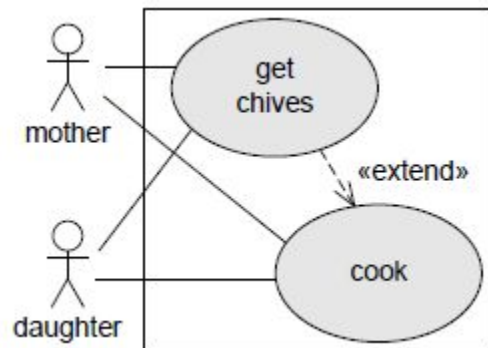
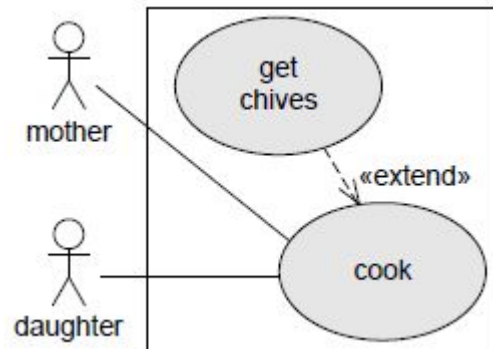
Cardinalities



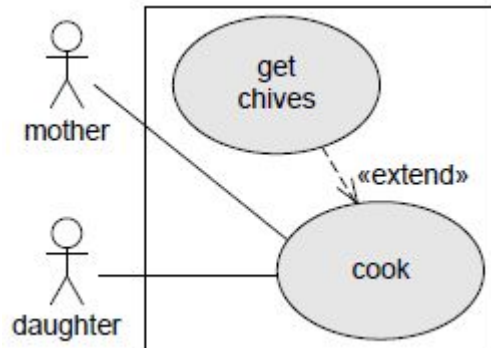
- We can represent cardinality by placing the 2 (to mean two actors involved), 2..4 (to mean 2, 3 or 4 actors involved), * (0 or more), 1..* (unbounded, at least one)
- The cardinality is always placed on the side of the Actor (never on the side of the UC).
- The Main Actor must be always greater than 0
- We can not have the possibility of having 0 actors related with the UC

In this case the actors involved in UC A can be Y, or XY, or XXY

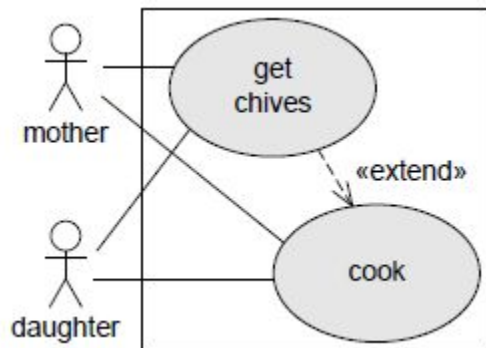
Extension without actors



Extension without actors

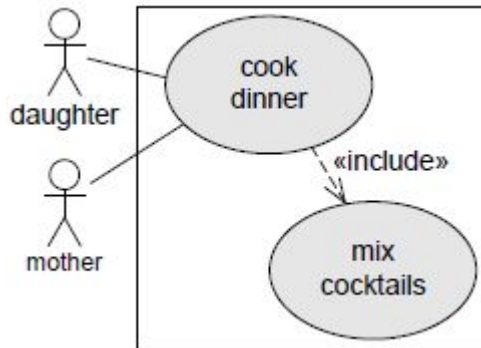


If you model strictly according to UML2 standard, in this approach nobody executes get chives.

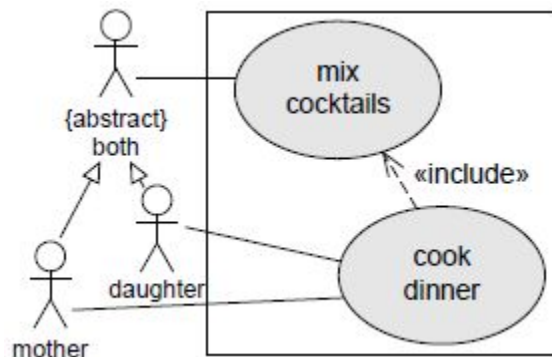


In this approach, both do get chives together.

Include without actors

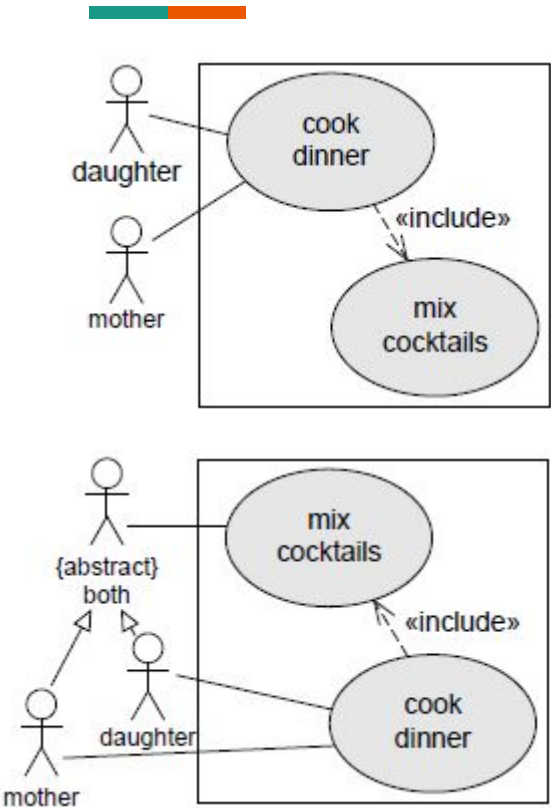


If you model strictly according to UML2 standard, nobody executes the use case mix cocktails

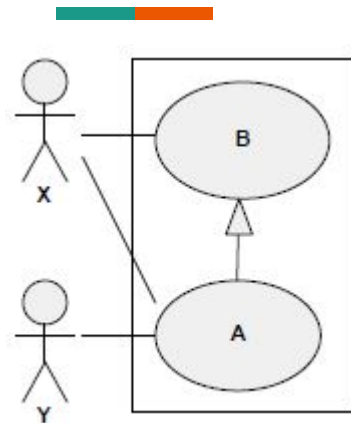


Mother or daughter do mix cocktails.

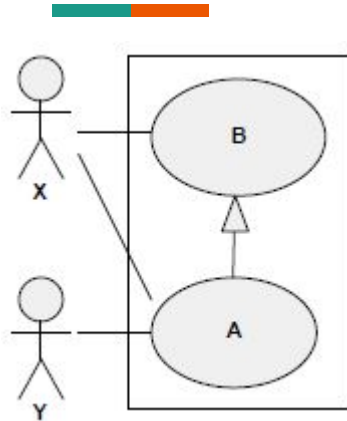
Include without actors



without actors



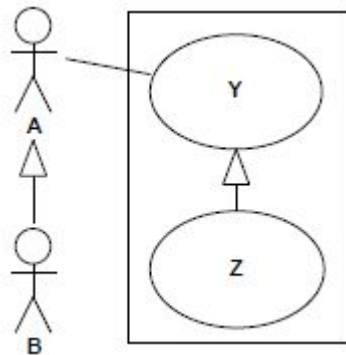
without actors



Which combinations of actors communicate with Use Case A?

$X \wedge X \wedge Y$

without actors



A and B can execute Y separately.

A and B can execute Z separately.