

# Exercise 4: Modelling Requirements for an Information System at a Zoo

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# Domain Description

Zoo International is a company with eight zoos in different European cities. Zoo International has specified an introduction process that all zoos should follow. In order to support the introduction process, Zoo International aims to introduce an information system (IS) supporting the process.

As a first step, requirements on the IS have been gathered from different stakeholders. Three of the requirements are as follows:

- When an animal arrive at a zoo (which is part of Zoo International) the animal needs to be registered in the IS by one of the zoo administrators. The following information must then be registered in the information system by the administrator: date of registration, name of the animal, species, gender, year of birth
- For each animal arriving at the zoo, one of the zoo veterinarian needs to document information in the IS about the medical status of the animal after carrying out a medical investigation
- For each animal arriving at the zoo, one of the animal keepers needs to document the result of the meeting between the arrived animal and its "cage colleagues"

# Your Task

- Describe the functional requirements of the information system using UML Use Case, and make use case descriptions for all the use cases