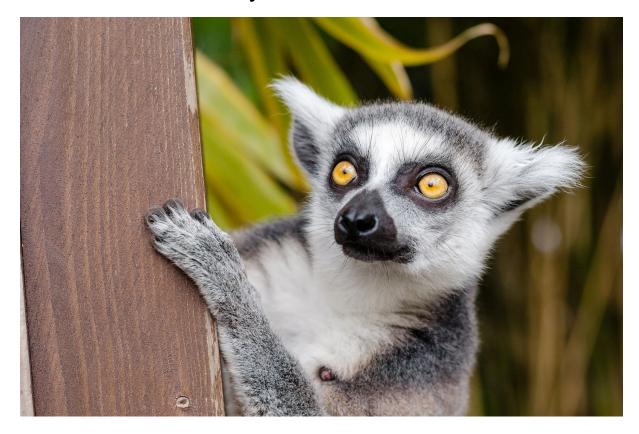# User story - Schoenbrunn Zoo

As a <type of user>, I want <some goal> so that <some reason>

User description:

- **Employee**

  - Primary responsibilities of this position include monitoring animal health, maintaining cleanliness of animal areas, providing environmental enrichment, preparing diets, modifying habitats, maintaining accurate records, and presenting both formally and informally for the public.

- **Zoo Manager**

  - Primary responsibility is to manage the employees
  - Responsible for acquisition of animals
  - Responsible for resources (food, medication, supply chain)

Use case:

- Existing zoo - Schoenbrunn Zoo in Vienna.

- Design a dedicated system to help the zoo manager monitor the animal care professionals in some tasks, primarily:
  - The amount of medication on each animal matters because if the amount of medication exceeds a usual consumption this animal is more expensive, which means in future it will cost the zoo more money, meaning it is not a good investment to keep this sort of animal.
- The system is missing some features.

The Schönbrunn zoo manager wants these particular features in the **new system**:

Project user stories:

1. As a zoo manager, I want to monitor animal health so that I can be aware of the zoo situation.
2. As a zoo manager, I want to have weekly reports about the entire zoo status so that I can make decisions in advance.
3. As a zoo manager, I want to buy new animal species so that the visitor numbers improve.

Interface for zoo manager and zoo employees:

UC1:
- How many animals are sick currently.
  - If a certain animal is sick then give the option to send it to the vet.
- How many animals are in special care.
- How many times has the vet been called for a dedicated species since the beginning of the zoo.

UC2:
- How many animals do I have in my zoo per species?
- How many times was the vet called to my zoo per animal species?
  - The vet was x times at the zoo.
- How many animals have been sick since the beginning of the zoo?
- How many animals have needed special care since the beginning of the zoo?

UC3:
- Add new animal type:
  - We have certain species of animals.
  - Adds a new type of animal to the zoo.

Create the system, add test/dummy data and showcase your solution.
Keep in mind, these are the minimal requirements you are of course welcome to expand any of the given tasks.

You will additionally need to work in an Agile environment for this project. Pick a team lead for this project, set up a backlog with tasks that need to be accomplished, use your daily stand-ups productively and check/update your time estimations for each task.

Deadline:

Submit your solution till Thursday, 30th of July, 14:30:00.

Proposal on how to start:

- Pick team lead.
- Brainstorm what would be needed - create UML diagrams (structure of your classes/relations/etc.).
- Create a Trello board
    - Backlog
    - To-Do
    - Doing
    - Done
- Assign tasks to all members.
    - Prioritize tasks
- Set up project
    - Use version control
- Work on tasks/start writing code