#1

The Zoo builds a seal enclosure. The Zoo gets new seals, arriving at 6:30 in the morning. The Sealkeepers will have to move them from the Truck to the enclosure (Task) and feed them (Task). Afterwards the doctors will have to examine them (Task). If the doctors encounter a Problem (e.g. broken tail) they will have to Alert the Administrators and create a new (important) Task so that the responsible Workers can be there for the Procedure (holding the seal, calming the seal, rectifying the tail,... ). Afterwards there will be a recurring task for a limited time that the doctors create for caretakers (give Medication,... ). General for the Seals: The seals will have to be fed 3 Times a day (Recurring task). Recurring health checkups every 2 weeks. If the caretakers see a problem with a seal they can create a task for a doctor to examine the seal that has to be greenlighted by the manager.

#2

A zookeeper notices a hole in the fence of the alligator cage. He immediately calls the manager because our system is not built to handle emergencies. But after the emergency is over, the workers and admins can think of a system of recurring tasks that stop this from happening.

#3

The Zoo decides that they want to have Pandas on display  
A new enclosure must be created, and animals must be assigned to it (Administrator Responsibility)

Adding Enclosures and Animals:

* The Administrator can add new Enclosures to the Zoo
* The Administrator can add animals to enclosures or move them from one to another

#4

The workers look at their schedule in the form of a calendar and see that they must feed the pandas. They look at the task description and find out how much bamboo they need and who is going to work with them. While feeding them they find that one of the pandas seems to have low energy. They send a high priority message to the task manager that a doctor should look at the animal. Once they are done, they mark the task as done and proceed with the rest of their schedule.

Workers activity:

* The worker has a calendar overview about the tasks his hast to do this week
* Looking at the tasks he can see who works with him/her
* If he finds that something has to be done by someone else he can notify the task manager so that he assigns a qualified person
* Once he is done he can mark the task as done

#5

At the end of the day the Administrator wants to get an overview about what tasks were done and what tasks were not completed. He checks a page which he can filter by task type/ assigned worker/ task completion or a combination of those things.

Administrator gets an overview:

* Administrator visits Task page
* He applies different filters in order to get an overview of the day
* Filters include task type/ assigned worker/ task status
* He can also combine those filters for a better overview

#6

A new animal caretaker is hired by the Zoo.  
The administrator creates an account for him.  
The new employee then changes their password and edits their personal information.

New worker is hired:

* The administrator is able to create a account for the new worker
* The worker can change his password and edit personal information
* The administrator can also access and change the workers information

#7

Sadly, the oldest elephant of the Zoo passed away. Without it Bob, one of its caretakers, does not want to work at the Zoo anymore. So, both the elephant and Bob get deleted from the System by the administrator. The tasks that were still assigned to Bob either get automatically assigned to someone else and if that is not possible the task manager gets notified.

Animal passes away/Worker quits/Enclosure is removed:

* Animal can be deleted from database by Administrator
* Workers that quit can also be deleted from database by Administrator
* Enclosure can be deleted by Administrator
* If the Enclosure still has animals the Admin is warned
* If it still gets deleted the animals have no assigned enclosure
* Task still assigned to deleted workers either get automatically reassigned to someone else or the Task Manager is notified about them

# STEP BY STEP

New Animals Arrive.

The zoo will get new Animals at 7:30

* The Admin creates new Animals in the system.
* The Admin assigns the animals to enclosures.
* The Admin creates a Task “Move the animals to their enclosure”. (Task regarding a group of animals?)
* The Admin assigns a/some caretakers to the Task

Recurring Tasks

The Manager knows that the bats need feeding twice a night.

* The Manager creates two daily recurring tasks “Feed Bats at 18:30” and “Feed Bats at 6:30”
* He selects “automatic assignment” for both of the Tasks.

Strange Behaviour

A caretaker notices that an animal behaves strangely.

* He proposes the Task “Medical Examination for animal XY” (through message or task proposing System) to the manager
* He Assigns a priority he deems fitting to the Proposal
* The Manager
  + greenlights/creates the Task

-or-

* + declines the Task since Task is already created or was proposed multiple times

Animal Pregnancy

The Giraffe is pregnant and in the last weeks before the due date

* The Manager Creates a permanent (someone has to be doing it at any time) Task “Babywatch”
* They assign a Worker Group/type to the task.
* They select Automatic assignment.
* When the Giraffe gets the Baby the worker on watch call a doctor and/or notifies the People needed to deal with the situation

Special Event

The zoo wants to organize a “Save Koala day” in order to raise awareness of the plight of the koala and to educate people.

* Administrator needs to create on the zoo's page a new event Save the Koala day.
* workers should prepare and distribute flyers on the topic of koala protection to all visitors.

An animal at the zoo passes away.

* The manager deletes the animal from the database.
* The enclosure gets automatically disconnected from the animal.
* Manager creates a task “clean enclosure” and assigns it to a janitor.

New hire for stress relief

* Carl is an old employee feeding the seals, among many other duties, but due to his old age he has a harder time, doing all his duties, so we hire a new caretaker (Sarah), who shall take on some of his work as well as additional duties.
* So first we create a new profile for Sarah, and assign her to the seals, as well as other enclosures or animals that might concern her. We give the Carl the task to school Sarah in feeding the seals. Once Car finished the task and comments something along the lines of she is ready to feed them on her own now. We edit the recurring feeding task and assign it to Sarah