

Project name & Development team

This is the project proposal for Zoo-manager, an app to be used by zoo administrators and workers to help organising tasks.

Id	Name	Primary Role	Secondary Role
01527620	Omar Cehajic	Documentation Manager	Build Manager
11824039	Sofiia Zholubak	Team Coordinator	UI Design
11808586	Andreas Krystallidis	Testing	Technical Architect
11808259	Manuel Hofmann	Build Manager	Testing
01651143	Ana Kubat	Technical Architect	Documentation Manager
00271409	Moritz Leander Großfurtner	UI Design	Team Coordinator

Situation

Managing a Zoo is a very challenging task. There are many different issues that need to be taken care of. That can be very overwhelming without having a central focus point where all the information is gathered. Using several apps or even relying on offline communication alone risks information getting lost.

Project description

A web application for managing animal care in a zoo. Information about the zoo animals can be saved and efficiently managed. Different tasks can be assigned to workers at the facility and every worker is equipped with an easy to use interface for managing his specific tasks. The app provides important information for the visitors of the zoo: the opening times, events.

Target group

Administrator - The administrator is in charge of the other workers. His job is to assign tasks to employees and has an overview on which tasks are completed. Administrator chooses which animals can be seen in the Zoo, creates accounts for new employees and manages enclosures.

Employee - Employee is responsible for tasks that he gets from the administrator. He can mark tasks done/not done.

Visitor - Visitor can get information about all animals, such as their enclosure, and all current and upcoming events in the zoo.

Feature-list

H High | M Medium | L Low

Id	Feature	Description	Priority	Cost
1a	Create Task	The Admin can Create a Task, regarding an Animal or Enclosure.	H	9
1b	Assign Task	The Admin can assign Tasks to Workers.	H	6
1c	Edit Task	The Admin can edit the Tasks.	H	7
1d	Mark Task as done	The Workers can manage and mark their Tasks as done.	H	2
1e	Add comments to Task	The Workers can comment on their Tasks.	M	3
2a	Create Animal	The Admin can add Animals.	H	8
2b	Edit Animals	The Admin can edit the information about the Animals and choose, which are visible to the users.	M	6
2c	Add Comments to an Animal	The Admins and the Workers can add comments on the Animals.	M	4
2d	View Information about an Animal	The Admin can see all information about each animal, visitors and workers can see only the information they need.	H	3
2e	Delete Animal	The Admin can remove Animals from the Database.	H	5
3a	Create Event	The Admin can Create an Event, regarding an Animal or Enclosure.	M	7
3b	Assign Event	The Admin can assign workers to the Events.	M	6
3c	View Event	Admins, Workers and Visitors can view Events	M	3
4a	Assign Animals to Enclosures	The Admin can Assign animals to enclosures.	M	5
4b	Edit Enclosure Information	The Admin can edit the information about the enclosure.	L	3
4c	Add Enclosure	The Admin can add Enclosures to the Database.	M	4
4d	Delete Enclosure	The Admin can remove enclosures from the database.	M	2
5a	View General Zoo Information	Admins, workers and visitors can view zoos general information.	L	2
5b	Edit General Zoo Information	The Admin can edit zoos general information.	L	3
6a	Create Users (Worker/Admin)	Admins can create new users, and add them to the database..	H	5
6b	Login for Users	Users (admins and workers) can login to their accounts to access the parts of the service that concern them.	H	10
7a	Automated Time Management	The Admin can choose to have the program assign tasks automatically. It will then try to assign the tasks in a way that every worker has approximately the same amount of work.	M	10

8a	Multiple Worker Types	There are multiple worker types that the admin can assign to different types of tasks.	M	6
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Domain model

