### **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.

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| **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

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| **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**

