

User Requirements Specifications

Group 2

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Functional Requirements

FR-01: *All employees can log into their accounts with their personal credentials (Account must already exist in the system.)*

FR-02: *Zoo manager can create accounts for HR (Human Resource) employees. HR employees can add accounts for other workers.*

FR-03: *HR employees support employee management.*

FR-04: *Animal administration employees support animal management.*

FR-05: *Animal administration employees manage the transfers of animals to other zoos.*

FR-06: *Schedule makers support schedule creation.*

FR-07: *Resource planners support task assignment.*

FR-08: *Webpage supports ticket acquisition.*

FR-09: *Webpage supports schedule viewing (for employees).*

Nonfunctional Requirements

NFR-01: Performance: The application shall handle a large number of users and requests without significant slowdown or downtime. The application shall have a fast response time, with minimal latency and page load times, and be optimized for performance on both high-end and low-end devices.

NFR-02: Usability: The application shall have a user-friendly interface that is easy to navigate and understand for both novice and experienced users.

NFR-03: Reliability: The application shall be reliable, with minimal crashes or errors, and have a backup system in place to prevent data loss.

NFR-04: Security: This requirement specifies how the system must protect sensitive data and prevent unauthorized access. It might include factors such as authentication and encryption.

NFR-05: Maintainability: This requirement specifies how easy it is to modify, extend, or fix the system. It might include factors such as modularity, code readability, and documentation.

Use Cases

Desktop application

✓ UC-01: Login to the application | FR-01

Actor: Zoo manager/Employee

Description: Login can only be done via submitting the correct credentials on the login page.

Prerequisites:

1. Actor must have an account already created in the system and a running application.
2. System requests for login information.

Main success scenario:

1. Actor enters their personal credentials (username and password) and confirms.
2. System validates the actor's credentials and logs them into their account.

Extensions:

- 1a. Actor enters incorrect credentials.
 1. System displays an error message.
 2. Return to MSS1.

✓ UC-02: Create account for new employees | FR-02

Actor: Zoo manager/HR employees

Description: Zoo manager creates accounts for HR personnel. HR employees create accounts for all other types of employees. They are given the written contract of the employees they need to add to the storage and the credentials communication is done via email or in-person meetings.

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main success scenario:

1. Actor indicates they want to add an employee on the employee creation subpage.
2. System asks for details about employee, contract and emergency contact.
3. Actor provides the details about the new employee and confirms the creation of the new account.
4. System adds the new employee to the storage and creates an account for that person with the information provided.

Extensions:

3a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 2.

✓ **UC-03: Search for specific employees | FR-03**

Actor: Zoo manager/HR employees

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main success scenario:

1. Actor indicates they want to search for a specific employee or group of employees using the search feature and providing specific information.
2. System displays a list of active employees that match the criteria provided.

✓ **UC-04: Edit an employee's details | FR-03**

Actor: HR employee

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main Success Scenario:

1. Actor searches for the employee using the search feature (see UC-03 for details).
2. System displays a list of active employees that match the criteria provided (if the information provided is very specific, only one employee will be displayed).

3. Actor selects the employee they were looking for, indicating they want to edit his personal details.
4. System displays employee data and requests for changes.
5. Actor changes the relevant details and confirms his action.
6. System registers the action and returns the page to the original state.

Extensions:

5a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 4.

✓ **UC-05: Edit an employee's contract | FR-03**

Actor: HR employee

Description: Specific HR Employees are given the request to change the contract details of another employee via written request or email.

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main Success Scenario:

1. Actor searches for the employee using the search feature (see UC-03 for details).
2. System displays a list of active employees that match the provided criteria (if the information provided is very specific, only one employee will be displayed).
3. Actor selects the employee they were looking for, indicating they want to edit his contract details.
4. System displays employee's contract data and requests for changes.
5. Actor changes the relevant details and confirms his action.
6. System registers the action and returns the page to the original state.

Extensions:

5a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 4.

✓ **UC-06: Edit an employee's emergency contact | FR-03**

Actor: HR employee

Description: Specific HR Employees are given the request to change the emergency contact details of another employee via written request, email or phone call.

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main Success Scenario:

1. Actor searches for the employee using the search feature (see UC-03 for details).
2. System displays a list of active employees that match the provided criteria (in this case, if the information provided is very specific, only one employee will be displayed).
3. Actor selects the employee they were looking for, indicating they want to edit his emergency details.
4. System displays employee's contract data and requests for changes.
5. Actor changes the relevant details and confirms his action.
6. System registers the action and returns the page to the original state.

Extensions:

5a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 4.

☐ ✓ **UC-07: View employee history | FR-03**

Actor: HR employee

Prerequisites:

1. Actor is logged in (System is displaying the employee management page).

Main Success Scenario:

1. Actor indicates they want to see employee history navigating to the corresponding subpage.
2. System displays an empty page with a search feature and a sorting feature.
3. Actor searches for a specific group of employees using the search feature (see UC-03 for details).

4. System displays a list of all past and active employees that match the provided criteria.

Extensions:

3a: Actor wants to see all employees ordered by a specific category.

- .1 System displays a list of all past and active employees ordered by the category indicated.
- .2 End of use case.

✓ **UC-08: Add animal to the system | FR-04**

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor indicates they want to add an animal navigating to the corresponding subpage.
2. System asks for details about the animal and (if any) relationships it might have with other animals in the zoo.
3. Actor provides the details about the new animal and confirms the addition of the new animal.
4. System registers the action and returns the page to the original state.

Extensions:

3a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 2.

□ ✓ **UC-09: Search for specific animals | FR-04**

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main success scenario:

1. Actor indicates they want to search for a specific animal or group of animals using the search feature and providing specific information.
2. System displays a list of animals that match the criteria provided.

✓ **UC-10:** Edit animal's details | **FR-04**

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor searches for the animal using the search feature (see UC-09 for details).
2. System displays a list of animals that match the provided criteria (in this case, if the information provided is very specific, only one animal will be displayed).
3. Actor selects the animal they were looking for, indicating they want to edit its details.
4. System displays animal's data and requests for changes.
5. Actor changes the relevant details and confirms the action.
6. System registers the action and returns the page to the original state.

Extensions:

5a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 4.

✓ **UC-11:** Add animal relationship | **FR-04**

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor searches for the animal using the search feature (see UC-09 for details).
2. System displays a list of animals that match the provided criteria (in this case, if the information provided is very specific, only one animal will be displayed).
3. Actor selects the animal they were looking for, indicating they want to add a relationship.
4. System displays a list with all existing relationships for the selected animal.
5. Actor selects a type of relationship from the viable options (parent of, child of, mate of).
6. System provides a list of animals that are suitable for the selected type of relationship.
7. Actor selects the second animal for the relationship from the list and confirms the addition of the new relationship.
8. System registers the action and returns the page to the original state.

Extensions:

5a: Actor selects an already existing relationship and indicates they want to remove it.

.1 System registers the action.

.2 End of use case.

UC-12: View animal history | FR-04

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor indicates they want to see animal history navigating to the corresponding subpage.

2. System displays an empty page with a search feature and a sorting feature.
3. Actor searches for a specific group of animals using the search feature (see UC-09 for details).
4. System displays a list of all animals that match the provided criteria.

Extensions:

3a: Actor wants to see all animals ordered by a specific category.

- .1 System displays a list of all animals ordered by the category indicated.
- .2 End of use case.

✓ **UC-13: Transfer animal to another zoo | FR-05**

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor searches for the animal using the search feature (see UC-09 for details).
2. System displays a list of animals that match the provided criteria (in this case, if the information provided is very specific, only one animal will be displayed).
3. Actor selects the animal they were looking for, indicating they want to add a transfer.
4. System displays animal data and requests for information about the transfer and the zoo.
5. Actor provides the details and confirms the transfer.
6. System registers the action and returns the page to the original state.

Extensions:

5a: Actor inputs incorrect or incomplete data.

- .1 System informs the actor that the data was incorrect or incomplete.
- .2 Return to MSS 4.

✓ UC-14: View transfers | FR-05

Actor: Animal administrator

Prerequisites:

1. Actor is logged in (System is displaying the animal management page).

Main Success Scenario:

1. Actor indicates they want to see all transfers navigating to the corresponding subpage.
2. System displays a page with a sorting feature (current, past or future transfers). By default, the page displays all current transfers. A “current transfer” is a transfer that either starts, is in progress or ends on the current date.
3. Actor selects a transfer and indicates they want to see more details about it.
4. System displays information about the animal, the zoo they are transferred to and the start and end dates.

Extensions:

- 4a: Actor wants to postpone or bring forward the start or the end date.
- .1 System requests for the new date and which of the dates is modified.
 - .2 Actor provides the necessary information and confirms the changes.
 - .3 System registers the action and returns the page to the original state.
 - .4 End of use case.

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✓ UC-15: Create Zoo task | FR-06

Actor: Schedule Maker

Prerequisites:

1. Actor is logged in and navigated to the task management tab.

Main Success Scenario:

1. Actor inputs required information about the task.
2. System confirms the creation and makes it visible for the resource planners as *available*.

Extensions:

1a. Actor specifies an animal from the selected species.

1. System specifies the task is addressed to a certain animal.
2. Return to MSS2.

2a. Actor deletes a task marked as available.

1. System deletes the task from the list and removes it, disappearing from the resource planners as well.
2. End of use case.

2b. Actor selects a task and indicates they want to see more details about it.

1. System displays more information about the selected task.
2. End of use case.

✓ **UC-16: Create a daily reoccurring zoo task | FR-06**

Actor: Schedule Maker

Prerequisites:

1. Actor is logged in and navigated to the task management tab.
2. System display's a task creation form

Main Success Scenario:

1. Actor inputs required information about the task and selects a task to be repetitive.
2. System display's an option to choose between daily and weekly task
3. Actor selects an option to generate task daily and sets the start date to this week's Monday
4. System confirms the creation, schedules a task for 7 days this week, starting from Monday and makes it visible for the resource planners as *available*.

Extensions:

1a. Actor specifies an animal from the selected species.

1. System specifies the task is addressed to a certain animal.
2. Return to MSS2.

3a. Actor selects a start date which is not Monday.

1. System informs the user that daily task's start date must be Monday
2. Return to MSS step 2.

UC-17: Create a weekly reoccurring zoo task | FR-06

Actor: Schedule Maker

Prerequisites:

1. Actor is logged in and navigated to the task management tab.
2. System display's a task creation form

Main Success Scenario:

1. Actor inputs required information about the task and selects a task to be repetitive.
2. System display's an option to choose between daily and weekly task
3. Actor selects an option to generate task weekly and sets the start date to any day of this week
4. System confirms the creation, schedules a task for one selected day and makes it visible for the resource planners as *available*, stores this task as weekly.

Extensions:

1a. Actor specifies an animal from the selected species.

3. System specifies the task is addressed to a certain animal.
4. Return to MSS2.

3a. Actor selects a start date which is not the day in this week.

3. System informs the user that daily task's start date must be any time this week
4. Return to MSS step 2.

✓ UC-18: Schedule shifts and regenerate repetitive tasks | FR-06

Actor: Schedule Maker

Prerequisites:

1. Actor is logged in and navigated to the shift scheduling tab.
2. System display's a shift generation page

Main Success Scenario:

1. Actor selects a week for which shifts and tasks should be generated.
2. System display's an empty list of shifts, because they were not yet generated
3. Actor indicates that the schedule should be generated.
4. System confirms the creation, schedules shifts for every working employee that has more than 0-hour contracts and reschedules the tasks that were previously created as daily or weekly

Extensions:

1a. Actor selects a week which has already shifts created.

1. The system displays a filled list of shifts.
2. Return to MSS3.

3a. Actor indicates to generate a schedule, but it already exists for selected week

1. System informs the user that schedule cannot be created because it already exists.
2. End of use case

✓ UC-19: Delete scheduled shifts and generated tasks | FR-06

Actor: Schedule Maker

Prerequisites:

1. Actor is logged in and navigated to the shift scheduling tab.
2. System display's a shift generation page

Main Success Scenario:

1. Actor selects a week for which shifts and tasks should be deleted.
2. System display's a filled list of shifts for the selected week
3. Actor indicates that the schedule should be deleted.
4. System confirms the deletion and removes all the shifts and tasks for a selected week

Extensions:

1a. Actor selects a week which has no schedule for that week

1. The system displays an empty list of shifts.
2. Return to MSS3.

3a. Actor indicates to delete a schedule, but it does not exist

3. No response from the system
4. End of use case

✓ **UC-20:** Assign Caretaker to a Zoo Task manually | **FR-07**

Actor: Resource Planner

Prerequisites:

1. The actor is logged in and navigated to the task assignment page.
2. Animal care tasks have been created by the schedule maker.

Main Success Scenario:

1. Actor selects an available task, selects one of the available caretakers and confirms the assignment.
2. System displays only the available caretakers for the specific task.
3. Actor selects a caretaker and confirms the assignment.
4. System confirms the assignment and makes it visible for both schedule maker and caretaker.

Extensions:

2a. Actor navigates to the overview subpage and indicates a period for which they want to see the tasks.

1. System shows the tasks for the selected period.
2. Actor confirms the action.
3. System removes the employee from the task and makes the update visible for both schedule maker and caretaker
4. End of use case.

✓ **UC-21: Assign Caretakers to a Zoo Tasks automatically | FR-07**

Actor: Resource Planner

Prerequisites:

1. The actor is logged in and navigated to the task assignment page.
2. Animal care tasks have been created by the schedule maker.

Main Success Scenario:

1. System displays all the future tasks that have not been assigned.
2. Actor indicates to assign tasks automatically
3. System confirms the assignment and assigns all the scheduled and not assigned tasks

Extensions:

- 3a. System could not assign all the tasks because of lack of caretakers working on that day. User is informed about unassigned tasks.

Web application

UC-1: View information about the Zoo | FR-08

Actor: Any user

Prerequisites:

1. Actor opened the website the system displays the landing page.

Main Success Scenario

1. Actor indicates they want to find out more about the zoo by navigating to “About us” page.
2. System redirects the user to the “About us” page, displaying all information about the zoo and its contents.

Extensions:

1a. Actor indicates they want to see the gallery of the existing animals by navigating to “Gallery” page.

1. System redirects the user to the “Gallery” page, displaying all images of the zoo and the animals.
2. End of use case.

UC-2: Tickets acquisition | FR-08

Actor: Any user

Prerequisites:

1. Actor opened the website the system displays the landing page.

Main Success Scenario

1. Actor indicates they want to order tickets by navigating to “Tickets” page.
2. System redirects the user to the “Tickets” page, displaying information about the prices and requesting the number of tickets and the date.
3. Actor provides the necessary information and submits the request.
4. System redirects the actor to a page where they can see and scan their tickets.

Extensions:

1a. Actor inputs invalid or incomplete data.

1. System displays a message that the credentials were incorrect.
2. Return to MSS 2.

UC-3: Login to personal account on the Web application | FR-09

Actor: Any employee

Prerequisites:

2. Actor opened the website and navigated to the login page. (Their account has already been created and stored)
3. System requests for login information.

Main Success Scenario

3. Actor enters their personal credentials (username and password) and confirms.
4. System validates the actor's credentials and logs them into their account.

Extensions:

- 1a.** Actor enters incorrect credentials.
 3. System displays a message that the credentials were incorrect.
 4. Return to MSS 1.

UC-4: Change personal details | FR-09

Actor: Any employee

Prerequisites:

1. Actor is already logged in to the personal account.

Main Success Scenario

1. Actor navigates to their profile page and indicates they want to edit their personal information.
2. System displays actor's current data and requests for changes.
3. Actor provides the relevant changes and confirms the action.
4. System registers the action and returns the actor to their profile page, displaying the updated version.

Extensions:

3a. Actor inputs invalid or incomplete data.

1. System informs the actor that the data was incorrect or incomplete.
2. Return to MSS 2.

UC-5: Review assigned tasks

Actor: Caretaker

Prerequisites:

1. Actor is already logged in to the personal account.

Main Success Scenario

1. Actor navigates to the schedule tab indicating they want to see next week's schedule.
2. System displays all the tasks of today assigned to the caretaker with some most important details

Extensions

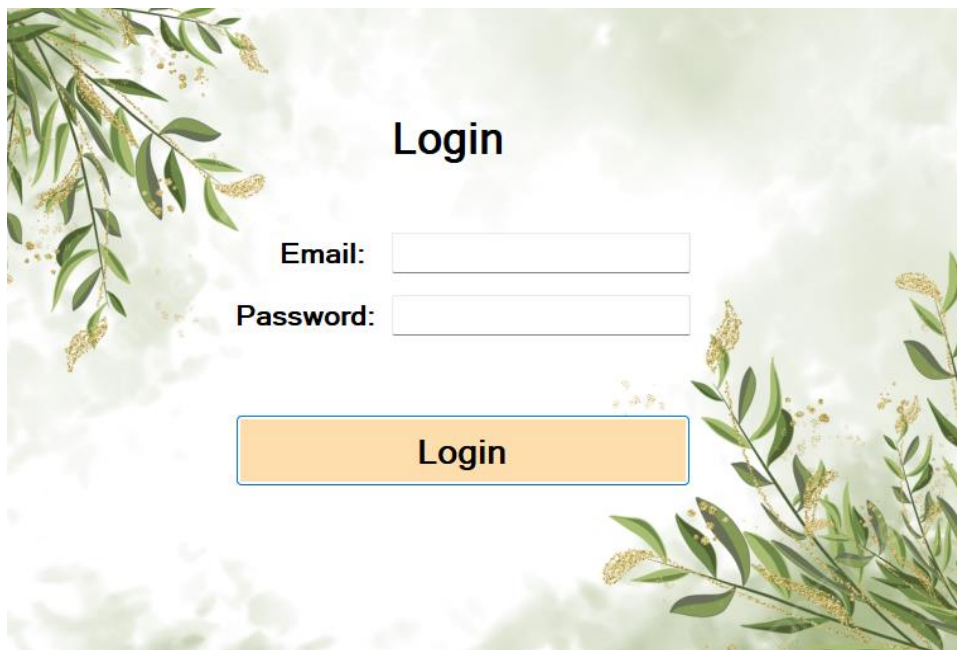
- 1a. The actor selects to review tomorrow's tasks.

1. System displays all the tasks for tomorrow assigned to the caretaker with some most important details

- 1b. The actor selects to review all tasks.

1. The system displays all the tasks assigned to the caretaker with some of the most important details.

Prototype



The image shows a login form prototype. It features a light green background with a subtle floral pattern of leaves and small yellow flowers. The word "Login" is centered at the top in a bold, black, sans-serif font. Below it, the labels "Email:" and "Password:" are positioned to the left of two white rectangular input fields. At the bottom, there is a wide, orange rectangular button with the word "Login" centered in a bold, black, sans-serif font.

Page 1 – Login (The first window that appears when you open the application. User needs to enter their credentials in order to log into the application.)

HR Management

ZooBazaar

Administrate employees

Employee history

Create employee

Holiday

Search by:

First name:

Last name:

Contract type: ☐ Full-time ☐ Part-time

Role:

Search

Clear fields

Display all employees

ID	First name	Last name	Role	Contract type
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Edit employee information

Edit employee contract

Edit additional information

Holiday request

Page 2 - HR employee Main Page (If the user is an HR employee, this is the window that appears after they log in. They have a search function to look for specific employees and a different tab to see the entire history. They can either add another employee (which will create another account for them) or manage an already existing employee.). They can also see an employee's information.

HR Management

ZooBazaar

Administrate employees

Employee history

Create employee

Holiday

All employees

Sort by: ☐ Alphabetical ☒ Alphabetical ☐ Role ☐ Contract type

Display

Search by:

First name:

Last name:

Contract type:

☐ Full-time ☐ Part-time

Role:

Search

Clear fields

Display all employees

ID	First name	Last name	Role	Email	Phone
13	Alex	Test	HRAdministrator	0	336264747
12	Patrick	Star	CareTaker	zxcvbnm@gmail.com	123456789
18	Milano	Raschel	AnimalAdministrator	milan@gmail.com	+2739023023
9	Augustus	Primus	ScheduleMaker	henloo@gmail.com	3535353
11	Alberta	Peterson	CareTaker	mock2@gmail.com	+31038541254
4	Olivia	Olisson	ResourcePlanner	5	+312315102
8	Margret	Leto	Manager	test@email	+3868363
15	Jessie	Jackson	CareTaker	j.jackson@gmail.com	+313921848
2	Joana	Done	AnimalAdministrator	3	+312312000
17	Augustinas	Digrys	ResourcePlanner	a.digrys@student.f...	+37064120191
7	Augustinas	Digrys	Manager	d.augustinas@gmail...	+58236736
3	Dennis	Dennison	ScheduleMaker	4	+312312100
14	Alexandru	Daba	HRAdministrator	alex@gmail.com	+40771015525
19	Diana	Ciuperca	ScheduleMaker	ciu@gmail.com	+762347891024
16	Diana	Ciuperca	AnimalAdministrator	diana@gmail.com	+40721527375
10	Justin	Bieber	CareTaker	mock1@gmail.com	+31857839233

Page 5 - HR employee can see the history of all the current and past employees.

ZooBazaar

FormHRAdministration

Administrare employees Create employee

Employee information

First name:

Last name:

Gender: ☐ Male ☐ Female

Role:

Phone number:

Address:

Email:

Password:

Date of birth (mm/dd/yyyy) :

Contract details

Contract type: ☐ Full-time ☐ Part-time

Start date: Monday , 8 May 2023

End date: Monday , 8 May 2023

Weekly hours: 0

Salary: euros per month

☐ not mentioned

Emergency contact

First name:

Last name:

Phone number:

Relationship:

Note: You need to complete all fields before creating an account

Create account Cancel

Page 6 - HR employee can create an account for employees.

ZooBazaar

HR Management

Administrare employees Employee history Create employee Holiday

ID	First name	Last name	Role	Start date	End date
14	Alexandru	Daba	HRAdministrator	21/06/2023	27/06/2023
19	Diana	Ciuperca	ScheduleMaker	27/06/2023	30/06/2023
18	Milano	Raschel	AnimalAdministrator	27/06/2023	09/07/2023

Display employees' holidays Delete holiday

Page 7 – Holiday overview of employees

ZooBazaar

Search animals Animal history Add Animal

Search by:

Name:

Species:

Continent:

Gender: ☐ Male ☐ Female

Status: ☒ Available ☐ Transferred

Age:

Endangerment:

ID	Name	Species	Gender	Continent	Enclosure	Availability
1	Dad	Penguin	Male	Antarctica	1	Transferred
2	Mom	Penguin	Female	Europe	1	Available
3	Son	Penguin	Female	Antarctica	1	Transferred
4	Son2	Penguin	Male	Antarctica	1	Available
5	Daughter1	Penguin	Female	Antarctica	1	Available
6	Daughter2	Penguin	Female	Antarctica	1	Available
7	Mom2	Penguin	Female	Antarctica	1	Available
8	Jamie	Penguin	Male	Australia	1	Available
9	PenguinTest1	Penguin	Male	Antarctica	1	Available
10	TestPenguin2	Penguin	Female	Antarctica	1	Available
11	TestPenguin3	Penguin	Male	Antarctica	1	Available
12	TestPenguin4	Penguin	Male	Antarctica	1	Available
13	TestPenguin5	Penguin	Female	Antarctica	1	Available
14	TestPenguin6	Penguin	Female	Antarctica	1	Available
15	TestPenguin9	Penguin	Male	Antarctica	1	Available
16	TestPenguin10	Penguin	Male	Antarctica	1	Available
17	TestPenguin11	Penguin	Male	Antarctica	1	Available
18	TestPenguin7	Penguin	Male	Antarctica	1	Available
19	Alma	Parrot	Female	Europe	6	Available
20	Jamie	Penguin	Male	Asia	2	Available
21	Jack	Turtle	Male	Africa	1	Transferred
22	Daniel	Turtle	Female	Africa	1	Available

Page 8 – Animal Administrators can see and search for animals

ZooBazaar

Search animals Animal history Add Animal Transfers

Animal details:

Name:

Species:

Continent:

Gender: ☐ Male ☒ Female

Date of birth: (mm/dd/yyyy)

Endangerment:

Enclosure nr:

Additional comments:

ID	Name	Species	Gender	Continent	Enclosure
28	Jack	Penguin	Male	Antarctica	3
29	Lilly	Penguin	Female	Antarctica	1
30	Juliette	Zebra	Female	Africa	2
31	Daniel	Penguin	Male	Antarctica	1
32	Amanda	Penguin	Female	Antarctica	1
33	Jason	Penguin	Male	Antarctica	1
34	Perry	Platypus	Male	Australia	3
35	Marissa	Lion	Female	Australia	2
36	Andrew	Tiger	Male	NorthAmerica	3
37	Marian	Tiger	Male	Asia	3
38	Adriaan	Tiger	Male	Asia	3
39	Valeriu	Tiger	Male	Asia	3
40	Indiana	Iguana	Female	SouthAmerica	4
41	IvanTheTerrible	Iguana	Male	SouthAmerica	4
1023	Mary Jane	Iguana	Female	Australia	4

Page 9 – Animal Administrators can see and modify the details of animals

Animal Management

ZooBazaar

Search animals

Animal history

Add Animal

Transfers

Add relationship

Animal: Jason

Relationship type:

Parent of

Other Animal:

Jack (Penguin - Male)

Add relationship

Cancel

Existing relationships:

Mate - Amanda (Penguin - Female)

Remove relationship

ID	Name	Species	Gender	Continent	Enclosure
28	Jack	Penguin	Male	Antarctica	3
29	Lilly	Penguin	Female	Antarctica	1
30	Juliette	Zebra	Female	Africa	2
31	Daniel	Penguin	Male	Antarctica	1
32	Amanda	Penguin	Female	Antarctica	1
33	Jason	Penguin	Male	Antarctica	1
34	Perry	Platypus	Male	Australia	3
35	Marissa	Lion	Female	Australia	2
36	Andrew	Tiger	Male	NorthAmerica	3
37	Marian	Tiger	Male	Asia	3
38	Adriaan	Tiger	Male	Asia	3
39	Valeriu	Tiger	Male	Asia	3
40	Indiana	Iguana	Female	SouthAmerica	4
41	IvanTheTerrible	Iguana	Male	SouthAmerica	4
1023	Mary Jane	Iguana	Female	Australia	4

Edit animal

Add relationship

Transfer animal

Page 10 – Animal Administrators can see and modify the relationships of animals

Animal Management

ZooBazaar

Search animals

Animal history

Add Animal

Transfers

Animal transfer

Animal:

Zoo name:

Zoo address:

Phone number:

Start date: Monday , 19 June 2023

End date: Monday , 19 June 2023

Comments:

Confirm

Cancel

ID	Name	Species	Gender	Continent	Enclosure
28	Jack	Penguin	Male	Antarctica	3
29	Lilly	Penguin	Female	Antarctica	1
30	Juliette	Zebra	Female	Africa	2
31	Daniel	Penguin	Male	Antarctica	1
32	Amanda	Penguin	Female	Antarctica	1
33	Jason	Penguin	Male	Antarctica	1
34	Perry	Platypus	Male	Australia	3
35	Marissa	Lion	Female	Australia	2
36	Andrew	Tiger	Male	NorthAmerica	3
37	Marian	Tiger	Male	Asia	3
38	Adriaan	Tiger	Male	Asia	3
39	Valeriu	Tiger	Male	Asia	3
40	Indiana	Iguana	Female	SouthAmerica	4
41	IvanTheTerrible	Iguana	Male	SouthAmerica	4
1023	Mary Jane	Iguana	Female	Australia	4

Edit animal

Add relationship

Transfer animal

Page 11 – Animal Administrators can see and transfer animals

Animal Management
ZooBazaar

Search animals
Animal history
Add Animal
Transfers

Animal details:
Name:
Species:
Origin:
Gender:
Date of birth:
Endangerment:
Enclosure nr:
Additional comments:

Recently added animals:

Name	Species	Gender	Continent	Enclosure

Selected animal:

Add Relationship
Relationship type:
Other Animal:

Existing relationships:

Cancel
Confirm
Delete relationship
Add relationship

Page 12 – Animal Administrators can create animals and their relationships.

Animal Management
ZooBazaar

Search animals
Animal history
Add Animal
Transfers

All animals
Sort by:
Name
Species
Origin
BirthDate
Display

ID	Name	Species	Gender	Age	Continent	Enclosure	Endangerment level	Availability
40	Indiana	Iguana	Female	14	SouthAmerica	4	Endangered	Available
41	IvanTheTerrible	Iguana	Male	16	SouthAmerica	4	Endangered	Available
1023	Mary Jane	Iguana	Female	16	Australia	4	Endangered	Available
35	Marissa	Lion	Female	20	Australia	2	LeastConcern	Available
28	Jack	Penguin	Male	7	Antarctica	3	Vulnerable	Available
29	Lilly	Penguin	Female	5	Antarctica	1	Vulnerable	Transferred
31	Daniel	Penguin	Male	13	Antarctica	1	NotEvaluated	Available
32	Amanda	Penguin	Female	12	Antarctica	1	NotEvaluated	Available
33	Jason	Penguin	Male	8	Antarctica	1	NotEvaluated	Available
34	Perry	Platypus	Male	16	Australia	3	LeastConcern	Available
36	Andrew	Tiger	Male	20	NorthAmerica	3	LeastConcern	Available
37	Marian	Tiger	Male	17	Asia	3	LeastConcern	Available
38	Adriaan	Tiger	Male	22	Asia	3	LeastConcern	Available
39	Valeriu	Tiger	Male	21	Asia	3	LeastConcern	Available
30	Juliette	Zebra	Female	9	Africa	2	NotEvaluated	Available

Page 13- Animal Administrators can view all current and past animals

Animal Management

ZooBazaar

Search animals

Animal history

Add Animal

Transfers

Current Transfers

Future Transfers

Past Transfers

Zoo Name	Species	StartDate	End Date	Name
Lilly	Penguin	12 May 2023	15 July 2023	Rotterdam zoo

More details

Transfer details

Animal: Lilly

Species: Penguin

Gender: Female

Zoo name: Rotterdam zoo

Zoo address: straat 1

Phone number: +31328123481

Start date: May 12 2023

End date: July 15 2023

Comments: For strenghtening ok

☐ New start date:

19/06/2023

☐ New end date:

19/06/2023

Confirm transfer

Page 14- Animal Administrators overview of transfers

Schedule Management
ZooBazaar

Schedule task
ScheduleShifts

Task name:
Enclosure area:
Enclosure number: 0
Animal search
Species:
Search by name:
ID
Specie
Name
Task date and time
Start time: 11:57
Estimated duration: 0 hour(s)
Repetitive
Task description
Schedule task

Scheduled tasks
Refresh
Available
Assigned
Finished
Name
Date
Estimated duration
Clean enclosure
19/06/2023 09:00
3
Clean enclosure
21/06/2023 09:00
3
Clean enclosure
22/06/2023 09:00
3
Clean enclosure
23/06/2023 09:00
3
Clean enclosure
24/06/2023 09:00
3
Clean enclosure
25/06/2023 09:00
3
Medical check
22/06/2023 11:00
2
Clean enclosure
26/06/2023 09:00
3
Clean enclosure
27/06/2023 09:00
3
Clean enclosure
28/06/2023 09:00
3
Clean enclosure
29/06/2023 09:00
3
More details
Mark as finished
Remove task

Page 14 – Schedule makers can see and modify different tasks.

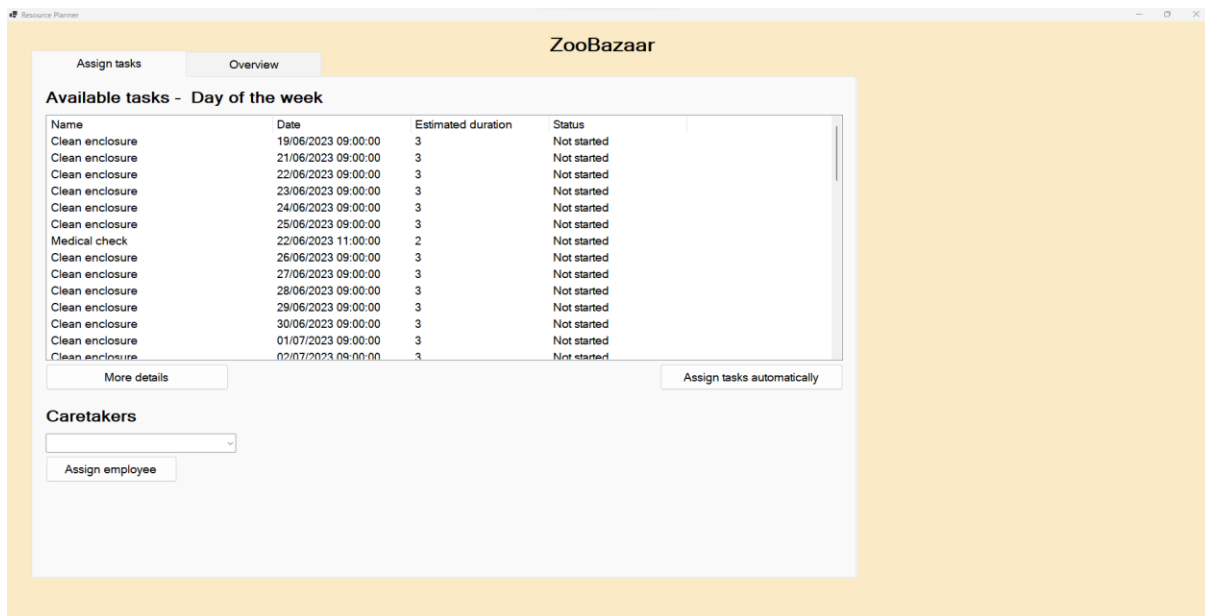
Schedule Management
ZooBazaar

Schedule task
ScheduleShifts

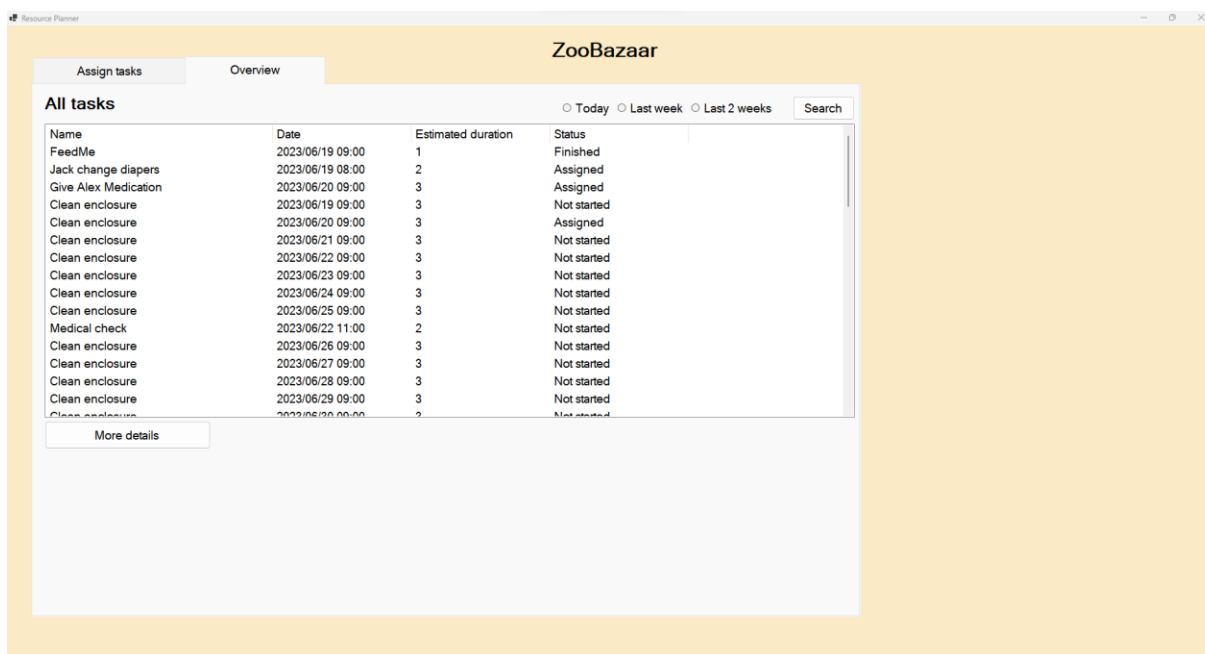
Scheduling start date: 26 / 06 / 2023
Scheduling end date: 02 / 07 / 2023
Schedule for (number of weeks): 1
ScheduleShifts

Date
Assignee
Start time
26 / 06 / 2023
Justin Bieber
08:00
26 / 06 / 2023
Jessie Jackson
08:00
26 / 06 / 2023
Jessie Jackson
13:00
26 / 06 / 2023
Justin Bieber
13:00
27 / 06 / 2023
Justin Bieber
08:00
27 / 06 / 2023
Jessie Jackson
08:00
27 / 06 / 2023
Jessie Jackson
13:00
27 / 06 / 2023
Justin Bieber
13:00
28 / 06 / 2023
Justin Bieber
08:00
28 / 06 / 2023
Jessie Jackson
08:00
28 / 06 / 2023
Jessie Jackson
13:00
28 / 06 / 2023
Justin Bieber
13:00
29 / 06 / 2023
Justin Bieber
08:00
29 / 06 / 2023
Patrick Star
13:00
29 / 06 / 2023
Justin Bieber
13:00
30 / 06 / 2023
Justin Bieber
08:00
30 / 06 / 2023
Patrick Star
08:00
30 / 06 / 2023
Patrick Star
13:00
30 / 06 / 2023
Justin Bieber
13:00
01 / 07 / 2023
Jessie Jackson
08:00
01 / 07 / 2023
Jessie Jackson
13:00
02 / 07 / 2023
Jessie Jackson
08:00
Details
Remove

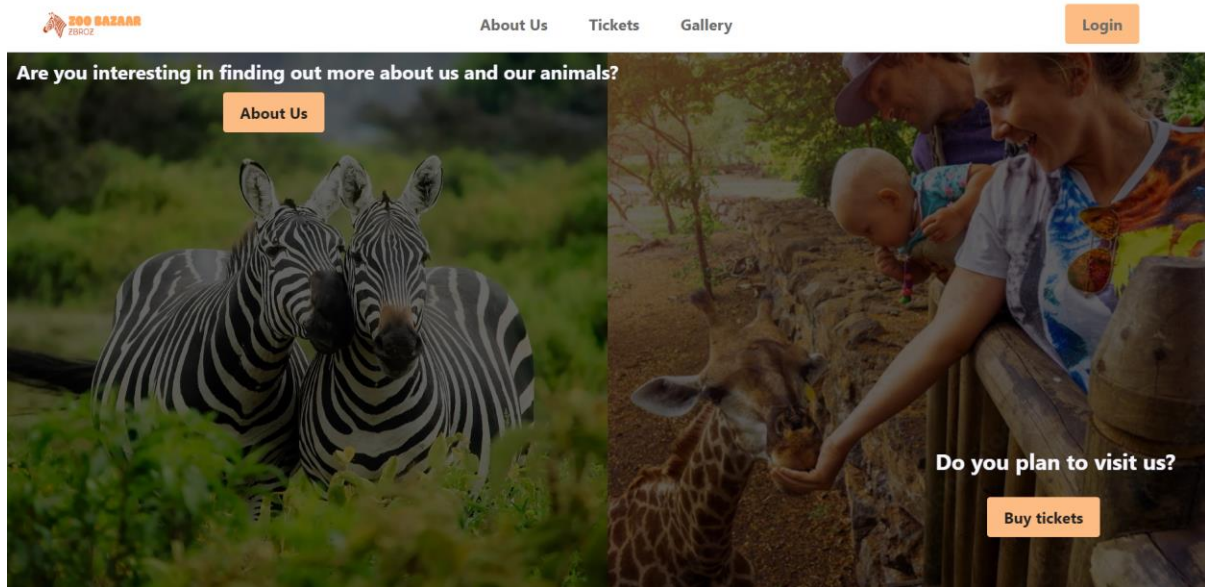
Page 15 – Schedule makers can create schedules for each week and also have an overview per week



Page 16 – Resource planners can assign tasks



Page 17 – Resource planners can overview tasks




Page 18 – Visitors' landing page



Antarctic residents



Page 19 – Visitors can view our gallery


[About Us](#)
[Tickets](#)
[Gallery](#)
[Login](#)

Ticket Prices

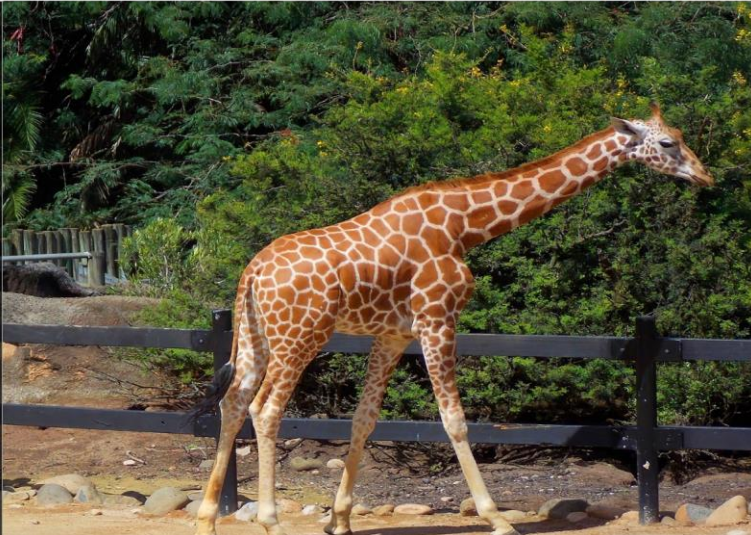
Toddler (age 0 to 3 years) - Free entrance
 Child (age 4 to 9 years) - 24€
 Adult - 26.50€

Groups with 20+ people have discount prices.
 Child (age 4 to 9 years) - 23€
 Adult - 24.50€

Order Tickets

Toddlers: tickets
 Kids: tickets
 Adults: tickets
 Date:

[Place Order](#)



Page 20 – Buying tickets page

Order Overview

Ticket Type: Adult
x 3

26,50€

Valid Date: June/20/2023

Total: 79,50€

If you have a discount code from one of our partners, enter it here:

Validate Discount

Total after discount: 79,50€

Payment Methods:

☒ Ideal



☐ PayPal



☐ Credit Card



Page 21 – Payment confirmation page

Order Confirmation

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€



2023062000001

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€



2023062000002

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€



2023062000003

Total: 79,50€

Payment method: Ideal

Print/Save Tickets

Page 22- Visitor's tickets after a successful purchase

Order Confirmation

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€

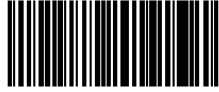


2023062000001

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€



2023062000002

Ticket Type: Adult

Valid Date: June/20/2023

Price: 26,50€



2023062000003

Total: 79,50€

Payment method: Ideal

(Downloaded tickets view)

Login

Email:

Password:

Login

Page 23 – Caretaker login

User Details

First Name: **Alex**

Last Name: **Test**

Email address: **0**

Address: **acasa**


Birth date: **10/11/1999**

Gender: **Male**

Phone: **336264747**

Edit

Page 24 - Caretaker's details page



[About Us](#)
[Tickets](#)
[Gallery](#)
[Login](#)

[Shifts](#)
[My tasks](#)
[My details](#)

My shifts: 19 Jun - 25 Jun

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
08:00 - 12:00	08:00 - 12:00	08:00 - 12:00	08:00 - 12:00	08:00 - 12:00		
13:00 - 17:00	13:00 - 17:00	13:00 - 17:00	13:00 - 17:00	13:00 - 17:00		
	Tasks: Name: Give Alex Medication Species: Penguin Details					

Page 25 - Caretaker's weekly shift overview


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[Shifts](#)
[My tasks](#)
[My details](#)

Today's tasks

No tasks are scheduled for today!

Page 26 - Caretaker's tasks for today

Task Details

Task ID: **2012**

Task: **Give Alex Medication**

Enclosure Area: **Antarctica**

Enclosure Number: **4**

Description:

Date And Time **20/06/2023 09:00**

Estimated Duration: **3**

Species: **Penguin**

Finished