Test Plan

Group 2

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Introduction

The software to be tested is the "ZooBazaarDesktopApplication.exe", a desktop application designed for managing a zoo. To ensure a smooth testing process, it is recommended to review the accompanying "ReadMe.txt" file beforehand, as it provides important instructions for installing the application.

NOTE: Screen resolution MUST be 1920/1080p and scaling 100%. Otherwise, some buttons may be off-screen.

Login credentials for the desktop application

HR administrator login:

Email: 2

Password: 2

Animal administration login:

Email: 3

Password: 3

Schedule maker login:

Email: 4

Password: 4

ID	UC	Name	Pre-condition	Test data	Expected result
TC-01	UC-01	Login with correct credentials	Actor has an account created in the system and correct credentials. The login form is displayed.	Credentials mentioned at the start of this test plan	System validates the actor's credentials and logs him into account. Actor is thrown to a management page (each page is different: each person sees different pages based on their role).
TC-02	UC-01	Login with incorrect credentials	Actor enters login credentials that are not valid in the system.	Incorrect login credentials (or missing) **Anything except the ones provided in the TC-01**	System displays a message letting the actor know that he inputted wrong/not existing credentials.
TC-03	UC-02	Create account for new employee with valid details	Actor is logged in as HR administrator and system displays the employee management form.	Correct data format: First name: Diana Last name: Ciuperca Date of birth: 11-09-2003 Email: diana@email.com Password: diana123 Address: Europalaan 3456AB Eindhoven Gender: Female	System validates the provided details and creates the employee account. Actor is taken back to the employee management page.
TC-04	UC-02	Create account for new employee with invalid or incomplete data	Actor is logged in as HR administrator and system displays the employee	Incorrect data format (or missing) e.g.: First Name: Alex12 Phone Number: -	The system cancels the creation of the account and displays an error message stating that certain fields

			management form.		have invalid or incomplete data.
TC-05	UC-02	Create account that is already stored in the system	Actor is logged in as HR administrator and system displays the employee management form.	Duplicated credentials e.g.: Email: 3 (Already the email of another user)	The system cancels the creation of the account and displays an error message stating that account with provided email has already been created.
TC-06	UC-03	Search for specific employees	Actor is logged in as HR administrator and system displays the employee management form.	Correct data format: First name: Diana Contract type "Full-time" checked	System displays all employees who have the first name "Diana" and have the contract type "Full-time"

TC-07	UC-03	Edit employee information with valid data (employee role and birthday can't be changed)	Actor is logged in as HR administrator and system displays a form that is filled in with the current employee details. Actor has valid data to edit the employee information with.	Correct data type e.g.: First Name: Maria Date of birth: Female	System validates the information and confirms the employee information updates.
TC-08	UC-03	Edit employee information with incomplete or invalid data (employee role and birthday can't be changed)	Actor is logged in as HR administrator and system displays a form that is filled in with the current employee details. Actor has invalid data to edit the employee information with.	Incorrect data format (or missing) e.g.: First Name: Alex123 Phone Number: -	System lets actor know about the issue(s) and cancels the information updates.
TC-09	UC-04	Add animal to the system with all correct details provided	Actor is logged in as Animal administrator and system displays the pop-up form for animal addition. Actor has valid info for animal addition.	Correct data type e.g.: Origin: Africa Date of birth: 09-07-2020	The system adds the new animal successfully. The animal is displayed in the list of animals in the system.
TC-10	UC-04	Add animal with missing/incorrect mandatory fields	Actor is logged in as Animal administrator and system displays the pop-up form for animal addition. Actor has invalid information (wrong format) for animal addition.	Incorrect data format (or missing) e.g.: Date of birth: ba-d-data Species: -	System cancels the addition of an animal and displays an error message stating that the animal couldn't be created.
TC-11	UC-04	Edit animal information with valid data	Actor is logged in as Animal administrator and	Correct data type e.g.: Name: Tim	System validates the information and confirms the animal information updates.

			system displays the pop-up form for animal edit. Actor has valid data to edit the animal information with.	Species: Zebra	
TC-11	UC-04	Edit animal information with incomplete or invalid data	Actor is logged in as Animal administrator and system displays the pop-up form for animal edit. Actor has invalid or incomplete data to edit the animalinformation with.	Incorrect data type e.g.: Name: Tim Species: -	System validates the information and confirms the animal information updates.

TC-12	UC-05	Transfer animal to another zoo successfully	Actor is logged in as Animal administrator and system displays the animal management page and actor fills in the details	Correct data format e.g.: Zoo name: Eindhoven Zoo	System changes the status of an animal to "transferred".
TC-13	UC-05	Transfer animal to another zoo (invalid details entered)	Actor is logged in as Animal administrator and system displays the animal management page and actor fills in the details in wrong format/missing data	Incorrect data format e.g.: Zoo name: -	System cancels the transfer and displays a message stating that provided information is incorrect.
TC-14	UC-05	Cancellation of the animal transfer	Actor is logged in as Animal administrator and system displays the animal management page; actor fills in the details and decides they want to cancel the transfer.	-	System cancels the transfer and clears the input fields.
TC-15	UC-06	Create caretaker task with valid details.	Actor is logged in as Schedule maker and system displays the task creation form. Actor picks the task and the caretaker who is available at task's time	Correct data format e.g.: - Task name: Clean enclosure - Species: lion (Animal name is not mandatory) - Start time: 10:00 - Estimated duration: 2 - Task description: The lion enclosure needs proper cleaning	System creates task and displays it as available.
TC-16	UC-06	Create caretaker task with invalid or incomplete task.	Actor is logged in as Schedule maker and system displays the task	Incorrect data format e.g.: - Task name: -	System cancels the task creation and displays an error

			assignment form. Actor picks the task and selects the caretaker who is not available.		message stating that the task couldn't be created.
TC-17	UC-06	Display more information about a task.	Actor is logged in as Schedule maker and system displays the available and finished tasks. Actor selects a task and indicates they want to see more details.	-	System displays a window with the details about the selected task and the current status. - "Not started" for available tasks - "Finished" for available tasks
TC-18	UC-06	Remove caretaker task from the available list.	Actor is logged in as Schedule maker and system displays the list of available tasks. Actor selects an available task and indicates they want to remove it.	-	System deletes the selected task.
TC-19	UC-06	Mark an available task as finished. (The in progress function is not available at the moment)	Actor is logged in as Schedule maker and system displays the task assignment form. Actor selects an available task and indicates they want to mark it as finished.	-	System moves the task from available to finished.