**Zoo Management**

**Software Requirement Specification**

=>Types of Users

1). Manager

2). Caretaker

3). Veterinarian

**1. Manager**

R 1.1 Manage Animals

Description: Manager should be able to add, update and delete the data of animals.

R 1.1.1 Add Animal Data

Description: Manager can add data of new animal.

Input: Animal Information

Output: Added successfully

R 1.1.2 Update Animal Data

Description: Manager can edit data of existing animal.

Input: Edit Animal Data

Output: Updated successfully

R 1.1.3 Delete Animal Data

Description: Manager can delete the data of existing animal.

Input: Delete Animal Data

Output: Deleted successfully

R 1.2 Manage Caretakers

Description: Manager should be able to add, update and delete the data of caretakers.

R 1.2.1 Add Caretaker Data

Description: Manager can add data of new caretaker.

Input: Caretaker Information

Output: Added successfully

R 1.2.2 Update Caretaker Data

Description: Manager can edit data of existing caretaker.

Input: Edit Caretaker Data

Output: Updated successfully

R 1.2.3 Delete Caretaker Data

Description: Manager can delete the data of existing Caretaker.

Input: Delete Caretaker Data

Output: Deleted successfully

R 1.3 Manage Veterinarians

Description: Manager should be able to add, update and delete the data of veterinarians.

R 1.3.1 Add Veterinarian Data

Description: Manager can add data of new veterinarian.

Input: Veterinarian Information

Output: Added successfully

R 1.3.2 Update Veterinarian Data

Description: Manager can edit data of existing veterinarian.

Input: Edit veterinarian Data

Output: Updated successfully

R 1.3.3 Delete Veterinarian Data

Description: Manager can delete the data of existing veterinarians.

Input: Delete Veterinarian Data

Output: Deleted successfully

R 1.4 Manage Reports

Description: Manager should be able to store data in a way that allows to pull reports about animals combining the information entered by caretakers and veterinarians. The report is about the health checkup, feeding schedule and cleaning.

R 1.4.1 View Health Checkup

Description: Manager should be able to view health checkup report on the base of information given by caretaker and veterinarian.

Input: Click on heath checkup report button

Output: Shows health checkup report

R 1.4.2 View Feeding schedule

Description: Manager should be able to generate feeding schedule report on the base of information given by caretaker and veterinarian.

Input: Click on the schedule of feeding

Output: Shows feeding schedule

R 1.4.2 Manage Cleaning Report

Description: Manager should be able to generate, update and delete cleaning report on the base of information given by caretaker and veterinarian.

R 1.4.2.1 Create Cleaning Report

Description: Manager should be able to create cleaning report

based on the available caretakers.

Input: Add the timing of cleaning

Output: Cleaning report created successfully

R 1.4.2.2 Update Cleaning Report

Description: Manager should be able to update cleaning report

based on the available caretakers.

Input: Update the timing of cleaning

Output: Cleaning report updated successfully

R 1.4.2.3 Delete Cleaning Report

Description: Manager should be able to delete cleaning report

based on the available caretakers.

Input: Delete the timing of cleaning

Output: Cleaning report deleted successfully

**2. Caretaker**

R 2.1 View Animal Data

Description: Caretaker should able to view the data of animals.

Input: Click on view animals data button

Output: Shows the animals data

R 2.2 View Cleaning Report

Description: Caretaker should be able to view cleaning report on the base of information given by manager.

Input: Click on cleaning report button

Output: Shows cleaning report

R 3.3 View Feeding schedule

Description: Caretaker should be able to generate feeding schedule report on the base of information given by veterinarian.

Input: Click on the schedule of feeding

Output: Shows feeding schedule

**3. Veterinarian**

R 3.1 View Animal Data

Description: Veterinarian should able to view the data of animals.

Input: Click on view animals data button

Output: Shows the animals data

R 3.2 Manage Health Checkup Report

Description: Veterinarian should be able to create, update and delete animals health checkup report.

R 3.2.1 Create Health Checkup Report

Description: Veterinarian should be able to create health checkup report.

Input: Add the data of animal health

Output: Health checkup report created successfully

R 3.2.2 Update Health Checkup Report

Description: Veterinarian should be able to update health checkup report.

Input: Update the data of animal health

Output: Health checkup report updated successfully

R 3.2.3 Delete Health Checkup Report

Description: Veterinarian should be able to delete health checkup report.

Input: Delete the data of animal health

Output: Health checkup report deleted successfully

R 3.3 Manage Feeding Schedule

Description: Veterinarian should be able to create, update and delete animals feeding schedule.

R 3.3.1 Create Feeding Schedule

Description: Veterinarian should be able to create feeding schedule.

Input: Add the data of animal feeding schedule

Output: feeding schedule created successfully

R 3.3.2 Update Feeding Schedule

Description: Veterinarian should be able to update feeding schedule.

Input: Update the data of animal feeding schedule

Output: feeding schedule updated successfully

R 3.3.3 Delete Feeding Schedule

Description: Veterinarian should be able to delete feeding schedule.

Input: Delete the data of animal feeding schedule

Output: feeding schedule deleted successfully

<https://courses.cs.ut.ee/OPEN.03.306/2018_fall/uploads/Main/g1.pdf>

<https://github.com/MartinFen/NSS-Zoo-management-system>