VROARAPTURE OASIS

(THE VIRTUAL ZOO)

1.0 Introduction

1.1. Purpose

The purpose of this document is to present a detailed description of the virtual zoo website. It will explain that why virtual zoos are better alternatives for the traditional zoos in educational as well as captivating purposes.

1.2 Project Proposal

Technology is one of the most important source used worldwide in present time and can be utilized in all areas of life, in science, education, engineering, communication, entertainment, housing and many more.

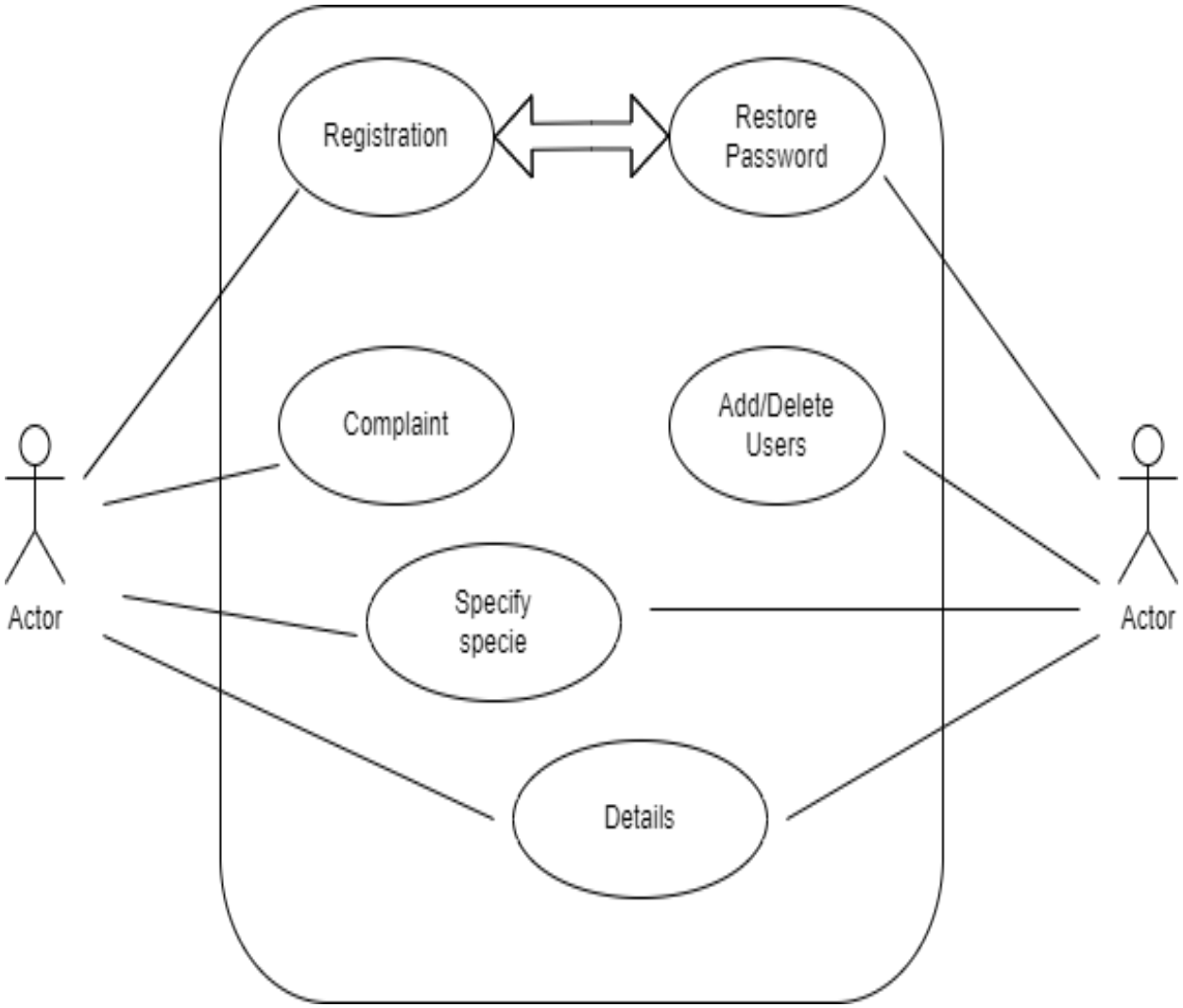
The project is based entirely on the explanation for the youth , student and youngsters that the virtual zoos eliminate the need to keep the wild animals in a restricted enclosures which leads to preserve wild animal's natural habitats and their natural behaviours and interactions.

The scope of this website is to display extinct as well as endangered species of the flora and fauna which can be shown in schools , museums and the ministries for educational and entertainment purposes.

For example: If a person will enquire the website , they'll be able to engage in virtual tours , educational resources , live streams of the flora and fauna without affecting their safety and their natural habitat. They'll be able to learn and have fun through these functionalities of the website.

2.0 Overall Description

2.1 System Environment



2.2 Functional Requirements Specification

This section outlines the use cases for each of the activities in the program.

2.2.1 Register users Use Case

Use case: Account Create

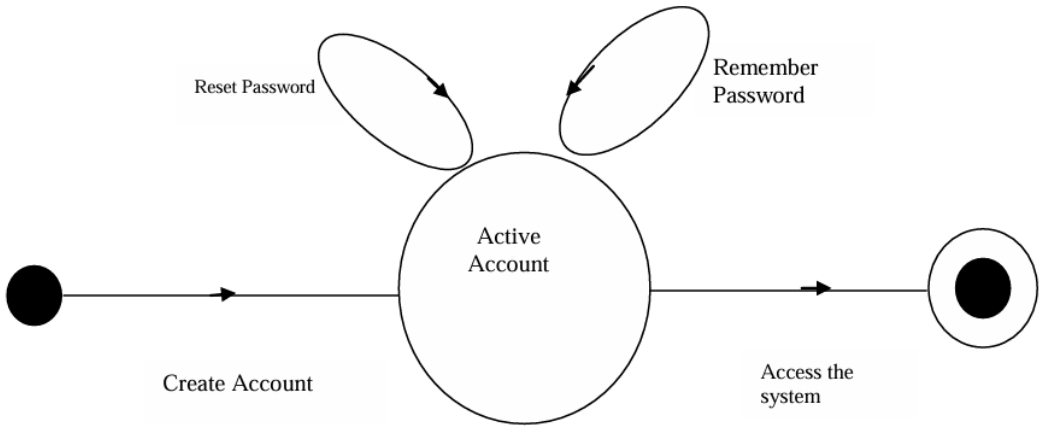
Brief Description

If the user wants to use the program, he must register within the program to be able to benefit from it.

Initial Step-By-Step Description

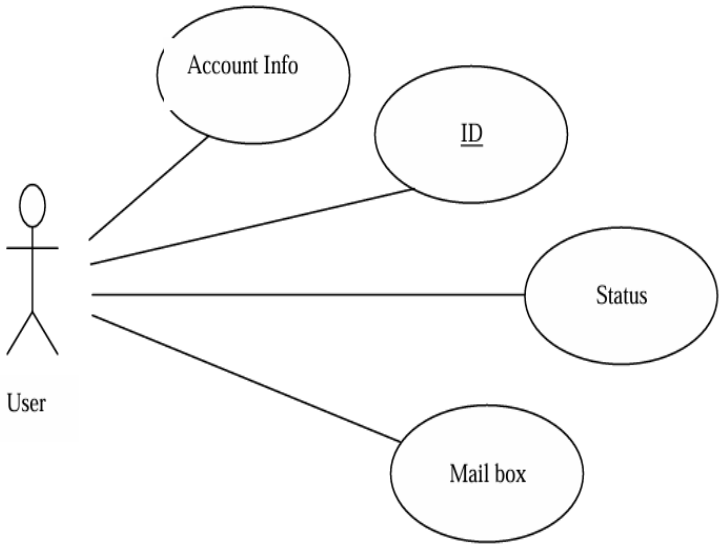
Before this use case can be initiated, the user has already the program.

1. The user will be creating an account.
2. The system requires to active the account.
3. The user can reset the password.
4. User access the system.



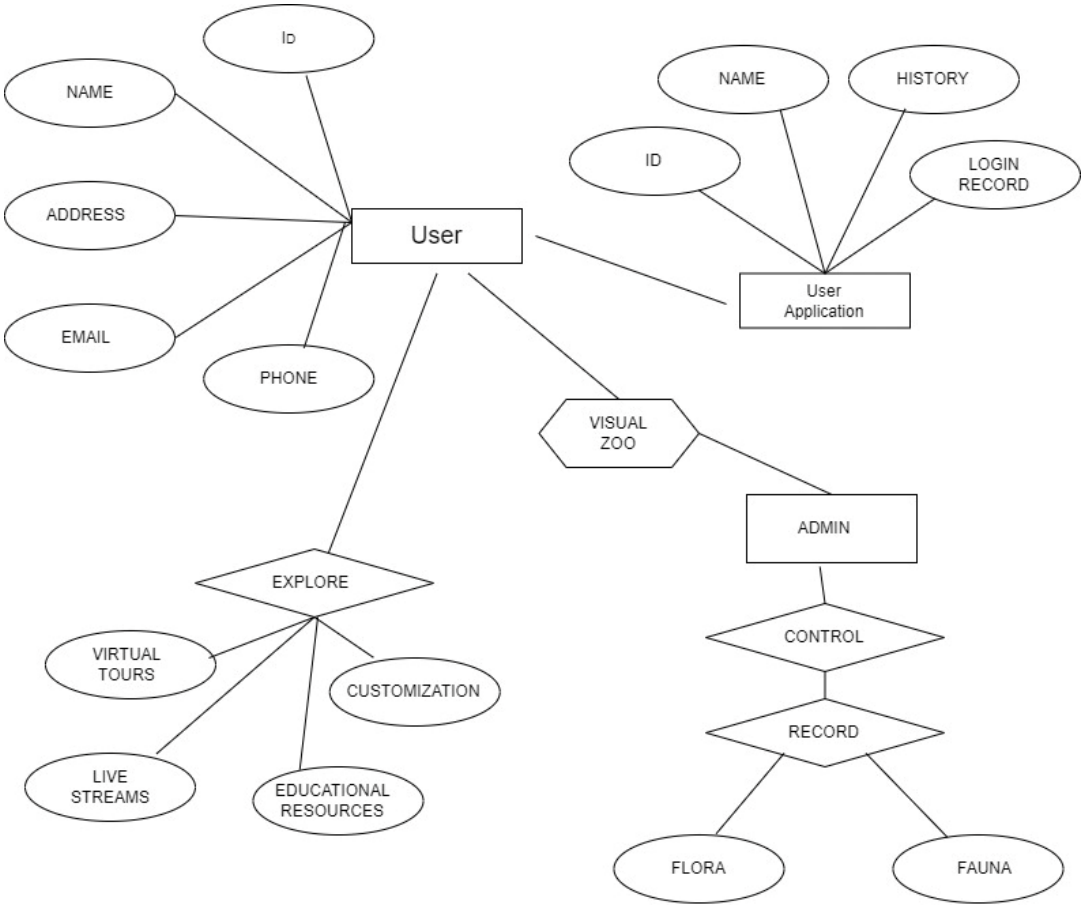
2.2.2 User Use Case

The User after register has the following:



2.2.3 ER Diagram

Entity Relationship:



2.3 Non-Functional Requirements

- Performance

When sending a help request an alert will be sent to all registrants in the program.

- Usability

Ease of use and clarity of the program.

- Locating help

Send the user a location to access if needed.

- Scalability

The program is scalable and modifiable by the Administrator.

- Interoperability

The program is based on helping Users to each other.

- Reliability

The program is reliable during use and browsing inside.

- Maintainability

The program is maintenanceable when there is any problem.

- Serviceability

User can communicate with the administrator when there is any inquiry or suggestion.

- Security

The program is secured from hacking and viruses.

- Regulatory

Working within the program is regular and easy to use.

- Manageability

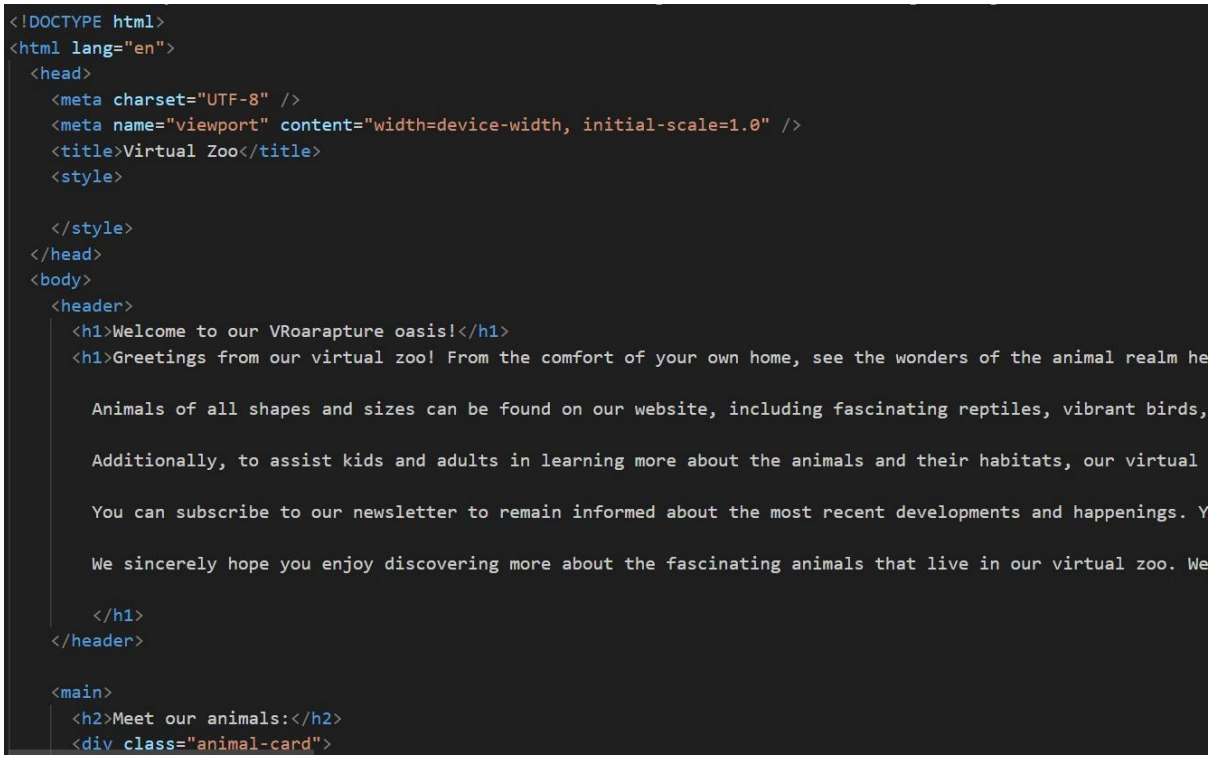
There is an administrator who manages and supervises the program.

3.0 System design

3.1 Description of procedures and function

- The application was implemented in HTML,CSS,JS langauge.
- Now works on web browsers.

4.0 CODE



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Virtual Zoo</title>
    <style>

    </style>
  </head>
  <body>
    <header>
      <h1>Welcome to our VRoarapture oasis!</h1>
      <h1>Greetings from our virtual zoo! From the comfort of your own home, see the wonders of the animal realm he

        Animals of all shapes and sizes can be found on our website, including fascinating reptiles, vibrant birds,

        Additionally, to assist kids and adults in learning more about the animals and their habitats, our virtual

        You can subscribe to our newsletter to remain informed about the most recent developments and happenings. Y

        We sincerely hope you enjoy discovering more about the fascinating animals that live in our virtual zoo. We

        </h1>
    </header>

    <main>
      <h2>Meet our animals:</h2>
      <div class="animal-card">
```

5.0 Conclusion

Virtual zoos are an excellent addition to real zoos, providing accessible and distinctive ways to learn about the world of animals. Through the use of technology, virtual zoos are able to unite people across geographical boundaries, promote a sense of connection with the natural world, and ignite awe at the beauty of nature. Virtual zoos have the potential to develop into ever more immersive and interactive environments as technology advances, influencing zoo experiences going forward and supporting international animal conservation initiatives.