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# SOFTWARE REQUIREMENTS SPECIFICATION(SRS)

**Instructor**
**Krishnendu Hazra**

**TEAM MEMBERS**
**1)Siddharth Gaurav(2101167)**
**2)Pawar Sandeep(2101143)**
**3)Tnv Abhiram(2101216)**

**TA'S**
**1)Anwesha Kashyap**
**2)Gargee Handique**
**3)Shreyoshi Borah**

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# Project Name:System for Rehabilitation of Animals

# 1)Introduction

**1.1) Purpose:**The purpose of this document is to record the requirements for the development of the "System for Rehabilitation of Animals," a web-based platform for facilitating the rehabilitation process for animals.
This document covers the functional and non-functional requirements for the development of this project.

**2)Description of the Project:** "The System for Rehabilitation of Animals"is a Web application which interacts with animal care providers and administrators and also deals with donation, adoption and shop. Which also consists of the databases used in animal care facilities.

a)**Product Features:**
 a)User Registration and Authentication:Animal care Providers can register and log in securely.

b)**Animal Profiles:**
a)Profiles for the animals which are rehabilitated.
b)Record of Medical history,treatment Plans and Progress.

c)**Scheduling Appointment:**
a)Appointments can be scheduled on this website for veterinary care and also for rehabilitation.

2.1)**User Classes and characteristics**:
a)**Animal Care Providers:**Veterinarians, animal caretakers and rehabilitation specialists.

b)**Administrators**:System administrators overseeing the functionality and data integrity.

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**Operating Environment**:The system will be accessible through modern web browsers and it will be hosted on a secure server with backups.

**Design and implementations**:The website will be developed using HTML,CSS,JAVASCRIPT for developing the interface and for the database SQL will be used and Apache Server will be used.

3)**Functional Requirements:**

3.1)**Description:**Animal care Providers should be able to register with the system and Securely log in.The Website Contains the list of animals that will be treated and the availability and also the time slots of the veterinarians for the animals available.Donation of the animals will be present.

3.2)**Inputs:**
a)User Details:Which Includes name,email,Password.Veterinarines will be having a separate login page so that he will be having all the details regarding his Appointments.

3.3)**Outputs**:
a)Confirmation of Successful registration or login.

4)**Non-Functional Requirements**:

4.1)**Performance:**
a)The System Should handle a minimum of Users.
b)Response time for critical actions should be within minimum time.

4.2)**Security:**
a)All the users data will be kept encrypted.
b)Access controls to ensure data privacy and prevent unauthorised access.

4.3)**Usability:**
a)The User interface will be user-friendly.

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4.4)**Availability:**
a)24/7 Availability for customer access.
b)Scheduled maintenance notifications for administrators.

5)**Interface Requirements:**
5.1)**Hardware Interface:**
a)Web Server with sufficient Storage.
b)Database server for the veterinarians details and animals Details.

5.2)**Software Interface:**
a)Web Server Software(Apache).
b)Database Management System(MYSQL).
C)Browser Compatibility:Chrome,Firefox,Safari.

6)**Future Goals:**
a)Donations for the website.
b)Online consultation with doctors for general Questions for people that are far and not available for Physical appearance with the veterinarians.

**Work Done by:**
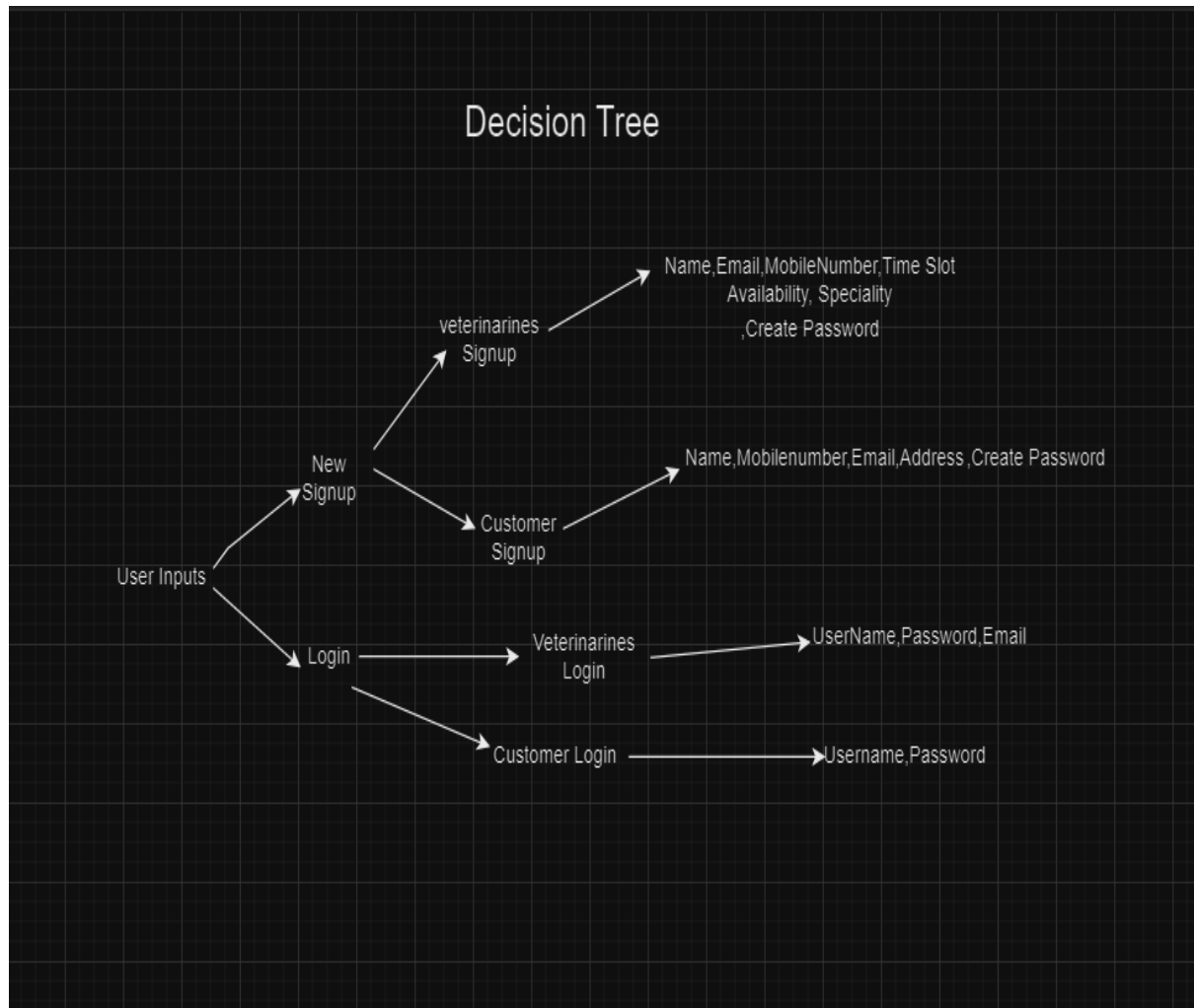a)Introduction by **Siddharth Gaurav(2101167)**
b)Functional Requirements by **Pawar Sandeep(2101143)**
c)Non-Functional Requirements and Interface Requirements by **TnvAbhiram(2101216)**
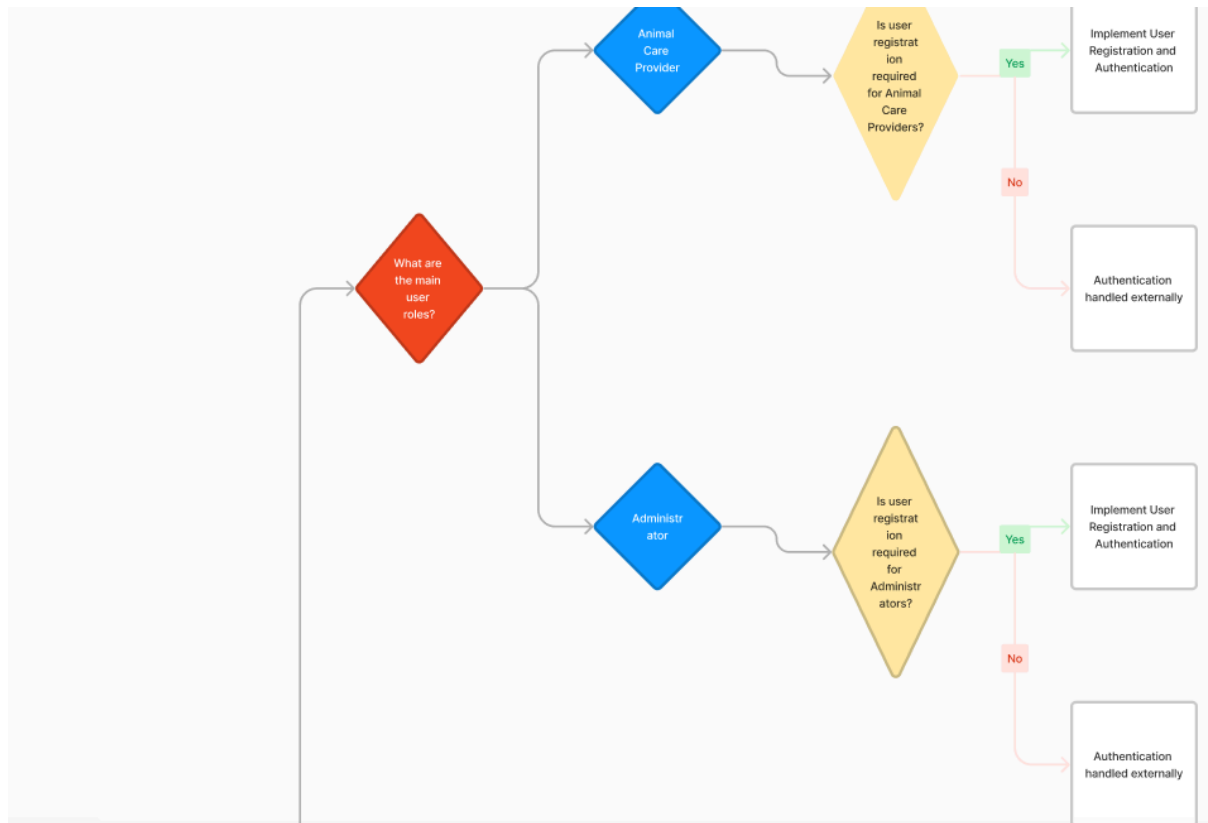
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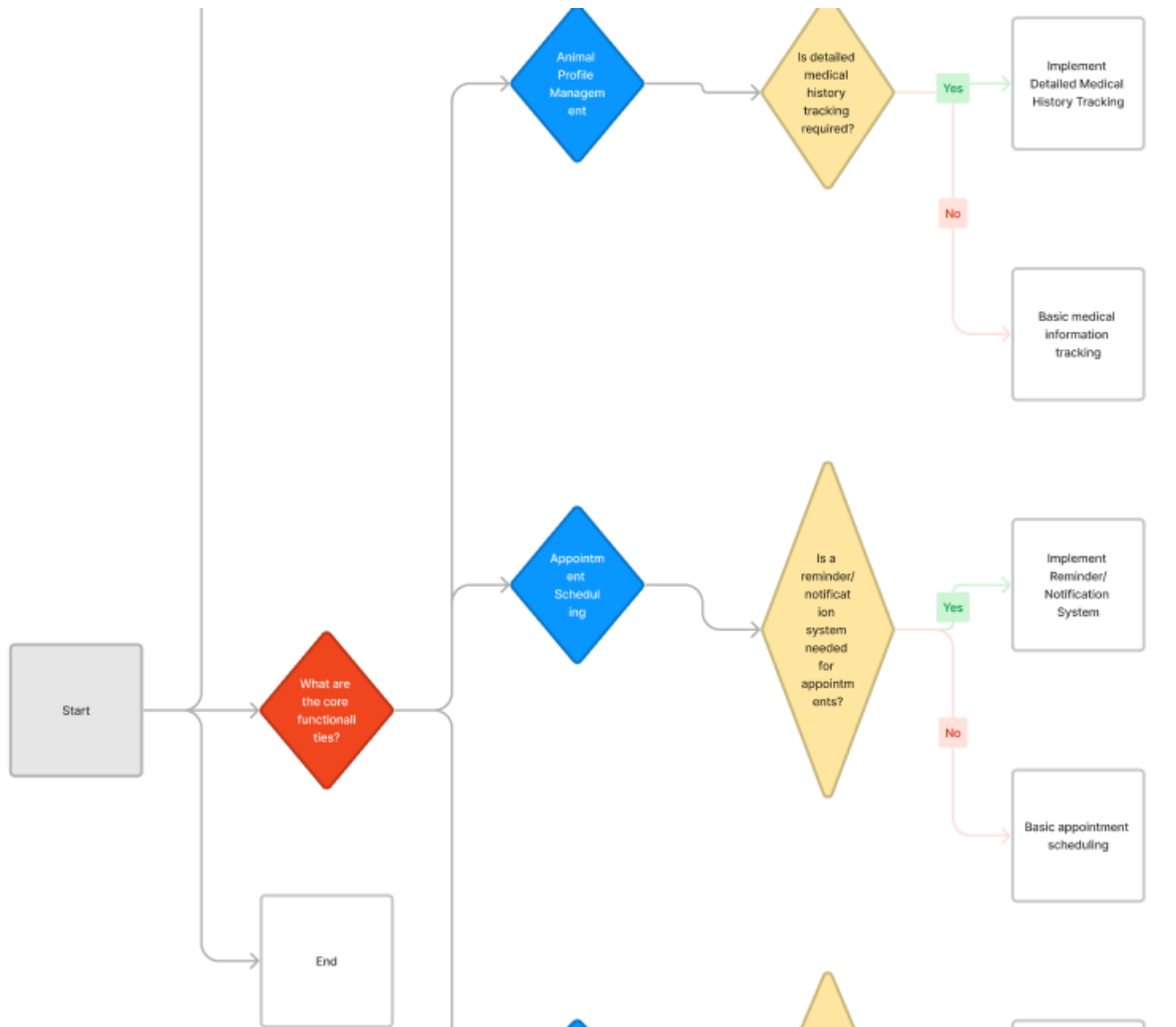
**Decision Tree**

## Decision Tree for Signup and Login:

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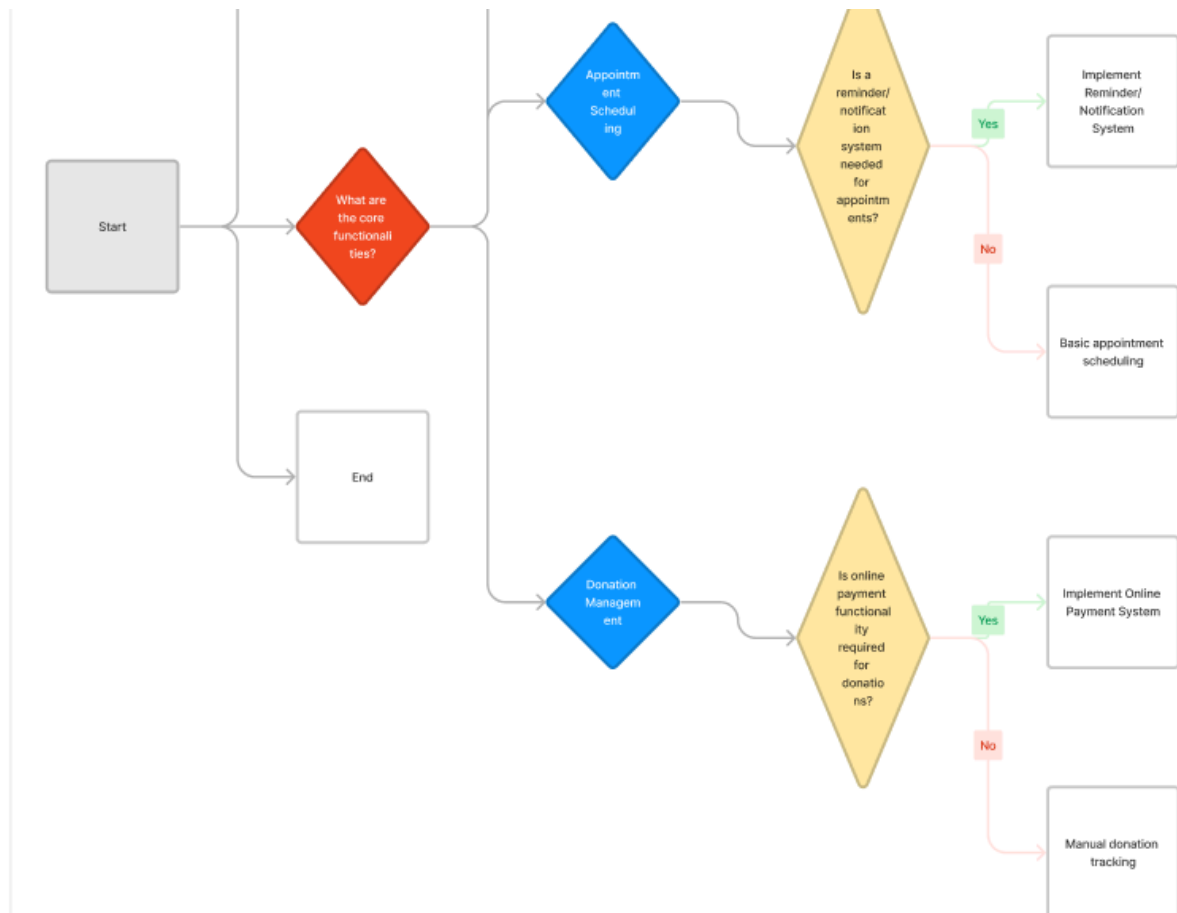# Decision Tree for the inner Process:

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# 1st part:

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## 2nd part:

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                                    Animal              Is detailed
                                    Profile             medical          ┌─ Yes ─┐   ┌──────────────┐
                                    Management          history                      │  Implement   │
                                                        tracking                     │  Detailed Medical │
                                                        required?                    │  History Tracking │
                                                                                     └──────────────┘

                                                                         ┌─ No ─┐    ┌──────────────┐
                                                                                      │  Basic medical  │
                                                                                      │  information   │
                                                                                      │  tracking      │
                                                                                      └──────────────┘

                                    Appointm            Is a
                                    ent                 reminder/
                                    Scheduling          notificat        ┌─ Yes ─┐   ┌──────────────┐
                                                        ion                          │  Implement    │
                                                        system                       │  Reminder/    │
                                                        needed                       │  Notification │
                                                        for                          │  System       │
                                                        appointm                     └──────────────┘
                                                        ents?
                                                                         ┌─ No ─┐    ┌──────────────┐
    ┌──────────┐        What are                                                      │  Basic appointment │
    │  Start   │        the core                                                      │  scheduling      │
    │          │        functionall                                                   └──────────────┘
    └──────────┘        ties?

                        ┌──────────┐
                        │   End    │
                        │          │
                        └──────────┘
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# 3rd Part:



Start → What are the core functionalities?

Appointment Scheduling → Is a reminder/notification system needed for appointments?
- Yes → Implement Reminder/Notification System
- No → Basic appointment scheduling

End

Donation Management → Is online payment functionality required for donations?
- Yes → Implement Online Payment System
- No → Manual donation tracking

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# Decision Table

| Decision Factors | Administrator | Caregiver | Veterinarians |
|---|---|---|---|
| User Type | Yes | Yes | Yes |
| Animal Intake Management | Yes | Yes | No |
| Rehab Plan Creation & Tracking | Yes | Yes | No |
| Rehabilitation Tracking | Yes | Yes | No |
| Medical Rehabilitation | Yes | Yes | Yes |
| Behavioral Rehabilitation | Yes | Yes | No |
| Physical Rehabilitation | Yes | Yes | No |
| Release Decision Support | Yes | Yes | No |
| Adoption Facilitation | Yes | Yes | No |

**Decision Factors:**Decision Factors which includes Usertype,Animal Intake Management,Rehab Plan Creation and Tracking,Rehabilitation Tracking,Medical Rehabilitation,Behavioral Rehabilitation,Physical Rehabilitation,Release Decision Support and Adoption Facilities.

Both Administrator and Caregiver have access for everything in the process.