



Adoptee

SAVE A LIFE. ADOPT A PET

System Requirements Specification

An Application for Pet Adoption and Animal Support



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LIST OF ABBREVIATIONS

Abbreviation	Explanation
API	Application Programming Interface
CORS	Cross-Origin Resource Sharing
PaaS	Platform as a Service
RCE	Remote Code Execution
RDBMS	Relational Database Management System
SDLC	Software Development Life Cycle
SLA	Service Level Agreement
SMTP	Simple Mail Transfer Protocol
SSL	Secure Sockets Layer
UI	User Interface
XSS	Cross Site Scripting

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1 INTRODUCTION

1.1 Purpose

The purpose of the project is to support genuine animal welfare organizations to conveniently carry out the organizational processes while increasing the probability of people adopting animals and decreasing the death rate of animals due to road accidents and neglect, and also to encourage the public in taking actions towards animal welfare.

1.2 Problem Domain

Many organizations in Sri Lanka work towards the well-being of street dogs and other stray animals. Fostering, vaccinations, rescues, and treatments are some of the activities they perform. Only a few of the organizations have their own websites but the majority use social media platforms to promote their activities. This makes it less convenient for them to reach out to new audiences due to having less transparency. As a result, it has discouraged the public from proceeding with animal welfare activities. It is necessary to have one proper platform to carry out all the animal welfare activities and other related activities such as adoption processes, rescuing processes, veterinary consultations, medical advising services, donation processes etc. which is not currently available in Sri Lanka.

1.3 Current Solution

In Sri Lanka, there are two commonly used processes for animal adoption which are currently in use. First method is where people who wish to adopt animals visit shelters physically and select a suitable pet to adopt, which is not appropriate during the current social situation. And the second method is where people search for animals up for adoption on social media platforms.

Moreover, the animal rescuing process takes place mostly by directly contacting the animal welfare organizations which results in organizations getting less information regarding the rescue and it also reduces the consistency in records.

Additionally, reaching out to veterinary doctors for medical advice has also been limited due to the present situation putting the lives of pets at risk. And a proper solution for the above is not yet introduced in Sri Lanka.

Further, there is no proper online platform currently in use to connect the public with animal welfare organizations and veterinary doctors which also provides almost all the services needed for the animal-friendly community.

1.4 Limitations of the Current Solution

According to the background data that we have gathered and our analysis reports, some major issues and limitations of the existing systems were found.

- Less transparency in the organizational processes
- Less convenient for users and organizations
- Vulnerable to scams
- Discourages users from adopting animals
- Low exposure for animal welfare organization
- Wastage of users' time searching for relevant organizations

1.5 Proposed Solution

The proposed solution; “Adoptee” is a web-based platform to connect the public with animal welfare organizations from all around Sri Lanka. The system provides a convenient platform for both the parties to carry out processes such as adoptions and rescues of animals online in a smoother, faster and more transparent manner increasing the adoption rate and decreasing the death rate of animals due to accidents and ignorance.

Due to the prevailing situation in the country, we have noticed that veterinary consultations are less accessible due to travel restrictions which are imposed from time to time. It has become a major issue for pet owners to get medical advice during such times, especially for diseases that need immediate care. As a solution for the above, we are providing a platform for pet owners to connect with veterinary doctors through the system to make appointments and to receive medical advice.

Additionally, the system also facilitates users to directly donate to an animal welfare organization, sign up for a recurring donation (a sponsorship) or contribute to a fundraising program carried out by an organization, which will contribute to creating an animal friendly community.

1.6 Goals and Objectives

Our main goal is to introduce a web-based system for animal shelters around the island to connect with the public and to carry out the related organizational activities conveniently through one platform. Through that, we can encourage society to adopt animals and to reduce the death rate of stray animals due to accidents and ignorance. Facilitating veterinary doctor consultations during emergency periods and providing an efficient platform for donations, sponsorships and fundraising campaigns for shelters can be given as other goals of the project.

1.6.1 OBJECTIVES

- Identify requirements & develop a web application.
- Improve animal adoption & rescue processes.
- Provide facilities for animal welfare organizations including donations, merchandise sales & increased exposure.
- Improve accessibility for veterinary doctor consultations.
- Learn technologies and improve soft skills.

1.7 Scope

1.7.1 USERS

- Guest User
- Registered User
- Organization User
- Organization Admin
- Veterinary Doctor

1.7.2 IN-SCOPE

- Advertise pets available for adoption and send notifications to registered users.
- Searching interface for pet adopters.
- Send adoption requests to animal welfare organizations online.
- Report cases about injured/abandoned animals to animal welfare organizations and rescue animals.
- Interface for shelters to respond to adoption requests and reported cases.
- Send reminders to adopters regarding vaccinations of the adopted animals.
- Interface for adopters to post photo updates of the adopted animals.
- Interface for organizations to post photo updates of the rescued animals.
- Make donations / raise funds for animal shelters.
- Buy merchandise, subscriptions for sponsorships of animal shelters.
- Maintain separate feeds for shelters including shelter details, recent work and upcoming events.
- Portal to consult veterinarians and to make payments for consultations.
- Generate Prescriptions.
- Maintain health records of animals consulted by the veterinary doctor.
- Review shelters/organizations.
- View Statistical reports of organizations such as average adoption rate, donations received, popularity, merchandise sales etc.

1.7.3 OUT OF SCOPE

- Managing transportation of animals to their destination.
- Stock Management for shelter/organization merchandise sales.
- Internal management functions/features of organizations

1.8 Document Conventions

- This document follows UML 2.5 standard for the diagrams specifying the system requirements.
- The keywords "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [[RFC2119](#)]

1.9 Intended Audience and Reading Suggestions

This document is mainly intended for developers and the supervisors of this system. Chapters 2,3,4 and 7 are recommended for parties who do not have a technical knowledge (such as Clients, Users) but wish to know the process and the design of this system.

For developers and supervisors, it is recommended to refer the whole document as it contains all the technicalities of the system throughout this document

1.10 References

- [1] I. Sommerville, Software Engineering, 10 ed., Pearson, 2016.
- [2] L. Bass, P. Clements and R. Kazman, Software Architecture in Practice, 3rd ed., Addison-Wesley Professional, 2012.
- [3] J. L. Whitten, L. D. B. and D. Kevin C., Systems Analysis and Design Methods, MacGraw-Hill, 2001.

2 OVERALL DESCRIPTION

2.1 Product Perspective

Adoptee is a platform that has the goal to strengthen the bond between the general public and animal welfare organizations in Sri Lanka.

Platform functionality can be divided into the following key domain areas.

1. *Animal Rescue & Adoption*

This functional area includes the listing of animals available for adoption by organizations and the requesting to adopt the pets through the system. Also, people can request an animal to be rescued / taken care of by a willing organization.

2. *Animal Welfare Organizations*

The product has the features to support organizations in promoting their activities online, accepting donations and also to sell their merchandise online. This includes maintaining the organization profile with a timeline of events and activities.

3. *Veterinary Consultations.*

Animal clinics can provide services for their clients through the platform, using the features to book consultations, accept payments, make remote / online consultations and also to maintain the health records of the animals.

Adoptee is available as a web application so it is accessible through any internet enabled device.

2.2 Product Feature Summary

- Allows organizations to list animals that are available for adoption.
- Searching and making adoption requests.
- Handling cases about injured/abandoned animals.
- Vaccine reminders and regular updates of the adopted animals.
- Organizational profile/timeline & mini merchandise store of the organizations.
- Donate or sponsor to the organizations.
- Portal to consult veterinarians and to make payments for consultations.
- Maintain health records of animals consulted

2.3 Operating Environment

Adoptee operates mainly as a web application. It is accessed through the internet and hosted on a cloud server.

2.3.1 USER ENVIRONMENT

- Mobile Phone, Tablet or Computer
- Operating System: any with a supported web browser
- Internet connection: 3G mobile - minimum.
- Recommended minimum web browser versions:
 - Chromium Based (Chrome, MS Edge, Opera) - v80
 - Safari - v14
 - Firefox - v85

2.3.2 SERVER ENVIRONMENT

- Operating System: Ubuntu 20.04
- Database: MySQL 5.4
- Web Server: Apache 2
- Backend language: PHP 7.2

2.4 Design and Implementation Constraints

2.4.1 IMPLEMENTATION CONSTRAINTS

- Payments are simulated through a sandbox and final implementation would require getting a corporate payment gateway from a bank.
- There can be issues with reporting an animal to be rescued with location as the animal can move during the time it takes the rescue team to arrive.
- Platform will not be able to guarantee the rescue of an animal reported as it is up for the organizations to do the rescue voluntarily.
- Doing veterinary consultations online may have some practical challenges involved in areas such as examining the animal.
- Even though platform requires adoptees to post regular updates on the adopted animals, they can't be forced to do so.
- Legality of a prescription given through the system cannot be guaranteed.
-

2.4.2 DESIGN CONSTRAINTS

- Most of the target user audience is expected to be comprised of normal non tech savvy people, therefore the system should be easy to understand and use.
- A single organization can't cover a large area with rescue operations therefore the area must be properly defined.
- Rescue requests should be accepted only from an area with a coverage of at least one organization.
- A maximum time limit should be defined, which the user must complete the adoption process or the animal shall be relisted for adoption.

2.5 Assumptions and Dependencies

2.5.1 ASSUMPTIONS

- All the users will have access to the internet.
- Users will provide valid information.

2.5.2 DEPENDENCIES

- Google Maps API
- Payment Gateway (Sandbox) - Stripe
- Zoom API
- SMS Service - Notify.lk
- Cloud Service Provider - Google Cloud Platform

3 FEASIBILITY STUDY

3.1 Social Feasibility

There are many animal welfare organizations in Sri Lanka. Pet adoption and animal rescues have tremendous support and contribution from society, and there are also some communities formed around the charity operation.

We have conducted a public survey including questions on reporting injured/abandoned animals, pet adoptions, veterinary consultations and other related animal welfare activities. It helped us to understand public opinion and willingness towards pet adoption through one platform. The survey had more than 100 responses and most of them were very positive with their opinions. So, we can safely assume that people are willing to use our system and the majority of the people mentioned that it's better to have an online platform for this idea. The following images show some of the responses we received during the survey.

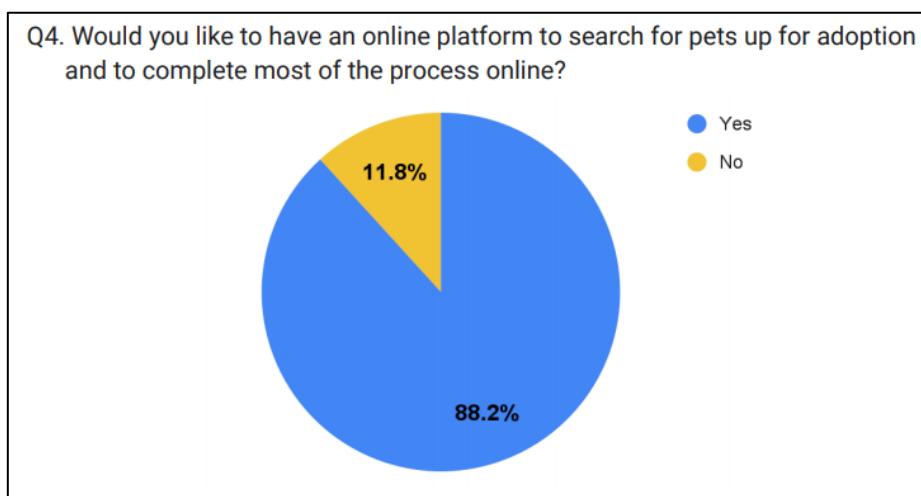


Figure 1 : Survey Q4 response

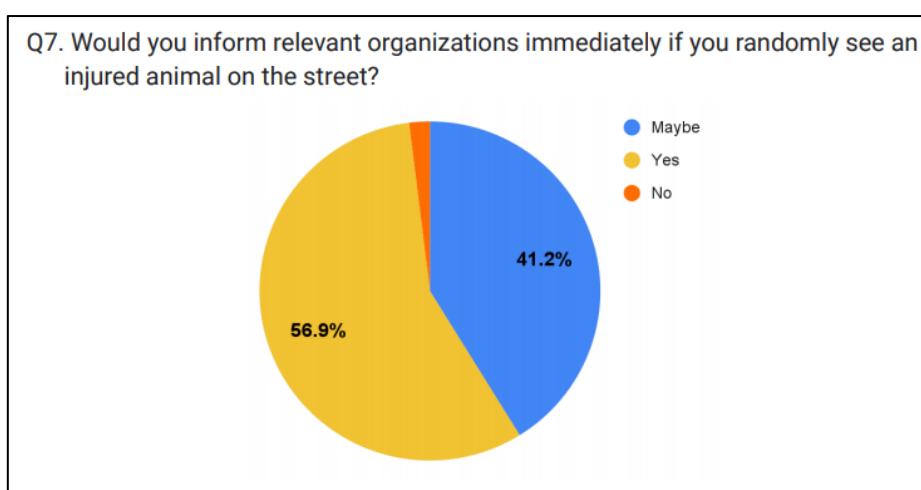


Figure 2 : Survey Q7 response

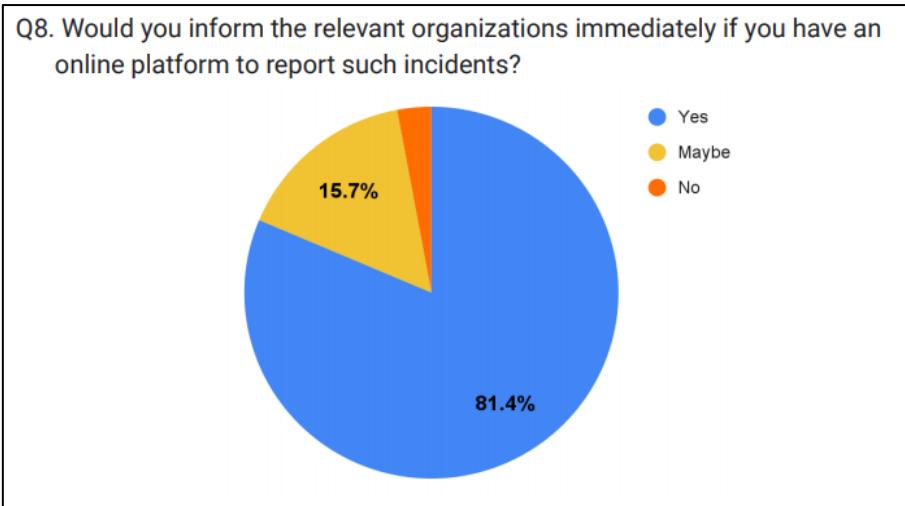


Figure 3 : Survey Q8 response

After contacting around a dozen animal shelters and animal welfare organizations through phone and email, we found that they are very interested and happy to use such a system because they don't have such a system currently.

We are building the system as a self-service platform targeting both the users and charity organizations. Therefore, it won't require any human intervention for day-to-day operations such as an admin user.

3.2 Operational Feasibility

This section measures how well the proposed solution meets the user requirements of the system to solve the issues in the existing system. Therefore, it is necessary to meet desired requirements to be operationally feasible. At present most of the activities which are related to animals are carried out through social media platforms, which is time consuming. Sometimes, it does not provide the necessary details of what we require for its messy structure. From our platform, we have proposed to classify the relevant activities with respect to the animal types. And also due to the existing epidemic situation in the country, it's necessary to have a proper platform to connect veterinary doctors to have a medical opinion of pet's diseases.

Our solution is a web application accessed through the internet. So, to use and operate the system,

- Users are required to have an internet connection.
- A mobile phone or a computer with a recent version of a web browser installed should be available.
- Users must have a basic knowledge of IT & using the internet.
- Payments & donations require an intermediate level of knowledge in online & card-based payments

Because there is no need of providing special training to use the system or any dedicated HR resources to maintain the system, the project is operationally feasible

3.3 Technical Feasibility

This section measures the flexibility of practical implementation of building of our web-based platform by using the selected technical solutions. The main deliverable of this project is a web app built using HTML, CSS and JS in the frontend and PHP in the backend which utilizes MySQL as the datastore. Apache HTTP Server is used to run the PHP applications.

The platform relies on; Google Maps API to show locations, an SMS gateway to send notifications, a payment gateway to accept payments and also uses SMTP to send emails.

In addition to that, GitHub is used as the code collaborative and version control tool and then we use collaborative tools like Zoom, Google Meet' to manage the veterinary doctor consultation process.

Most of these technologies are either open source or freely available. The team have to gain adequate technical knowledge before and while building the system. It is a tremendous task, but the timeline allows us to gain a considerable amount of technical knowledge before starting the actual development work and the rest while building the system itself.

The system could be easily hosted in any cloud provider as we would not be using any proprietary or vendor locked technologies.

3.4 Legal & Ethical Feasibility

- The identity of the users & organizations is verified at registration.
- Building and deploying the system does not break any laws.
- The application is built in compliance with the licenses of the open-source software technologies that are used.
- Necessary measures to protect the privacy and personal data of the users are included in the system.
- Transparency into how the system handles payments and donations is provided through the system.
- It is expected that the users won't misuse the prescriptions in a way that can cause legal or ethical issues to the system.

3.5 Economic Feasibility

This section is the place where we focus on the cost estimations of our solution.

- The platform requires hosting for both the application and the database.
 - “The free tier” capacity offered by a suitable cloud provider is enough for a moderate level of traffic to the site.
 - An increase in cost is expected when the user base grows.
- The Web app requires a domain name to reach the public it costs around Rs 3000 a year for a “.LK” domain
- Even though sending emails can be done for free, SMS notifications can incur a charge of \approx Rs 0.80 per notification. Which is an operational cost of the system.
- We use open-source technologies and other free tools like Visual Studio Code for the development of the product. They won't require any paid licences so the cost for those is zero

- Since it is developed by a team of university undergraduates, development cost also can be taken in as none
- With respect to those expenses, it is easily affordable and therefore we can say our solution is economically feasible.

3.6 Schedule Feasibility

- The project spans a duration of 9 months.
- According to that, the estimated man hours for the project completion can be mentioned as follows,
 - Weekdays working hours = 5 hours
 - Weekend working hours = 5 hours
 - Number of group members = 4
 - Number of weeks = 36
 - Total man hours = $(5 + 5) * 4 * 36$ hours = 1440 hours
- We are using an iterative waterfall model for development and with requirement gathering almost done, we can predict that with the identified features and scope it is possible to finish the other tasks of the SDLC and complete the development of the product by the January of 2022.
- Also, requirements are almost stable at this point so there won't be any major changes to the requirements that can affect the schedule of the project.

MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN
Conducting Survey								
Feasibility Study								
Requirements Analysis								
	Document Proposal							
	System Design			Frontend Development				
			Backend Development					
				Testing				
					Deployment			
						Maintenance		
Gaining Technical Knowledge								

Table 1 : Project Timeline

4 REQUIREMENTS

4.1 Stakeholders

4.1.1 GENERAL PUBLIC

The general public benefits from the system as it provides better access to potential adoptees and access to animal health care. Individuals who are interested in aiding organizations that rescue and care for animals are given the option to provide funds that are required for the organizations to operate.

- ***Unregistered User*** - This actor has the least functionality in the system. Is able to access facilities such as browsing for pets and accessing emergency contacts.
- ***Registered User*** - An Unregistered User becomes a Registered User following registration. He can access the system as an adopter and a pet owner and has respective facilities.

4.1.2 ANIMAL SHELTERS

Organizations that care for injured and/or abandoned animals until they find adopters, have been identified as animal shelters. Their operations include animal rescues, adoptions, donation of funds for the organization and healthcare requirements of sheltered animals.

- ***Organization User*** - A user that accesses the system on behalf of an animal shelter, and handles operations that deal with their external stakeholders. Has lower authority than organization admin.
- ***Organization Admin*** - Has all the functionalities of an Organization User, in addition to creating and handling Organization User accounts and subscription tiers, and managing payment refunds.

4.1.3 VETERINARY DOCTORS

Delivers veterinary services to animals through registered users, organization users and admins. Provides consultation by messaging, audio and video calls. Accepts consultation requests from organizations upon being provided proof in advance that funds are available as consultation fee.

4.2 Use Cases and Use Case Diagrams

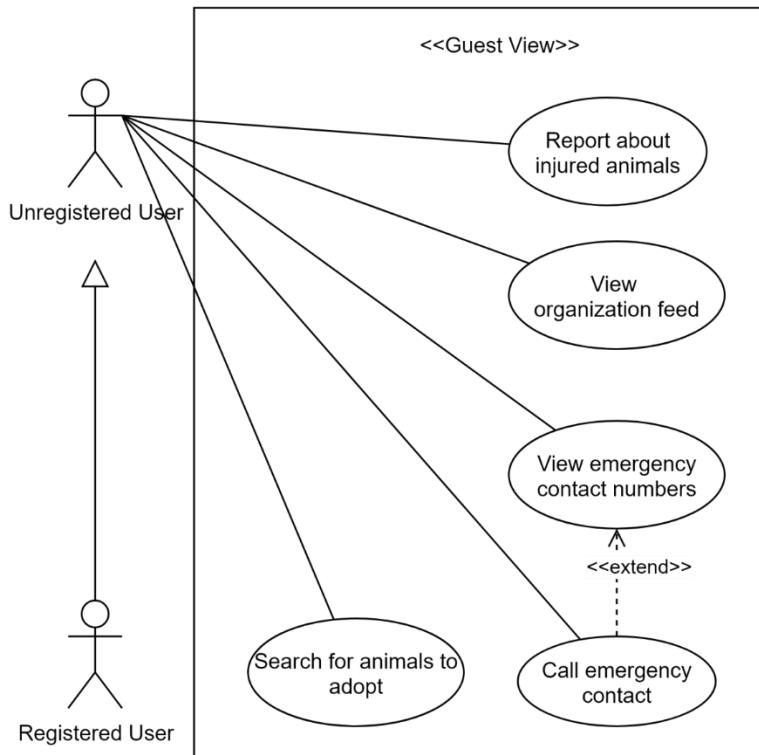


Figure 4: Use Case Diagram - Guest User

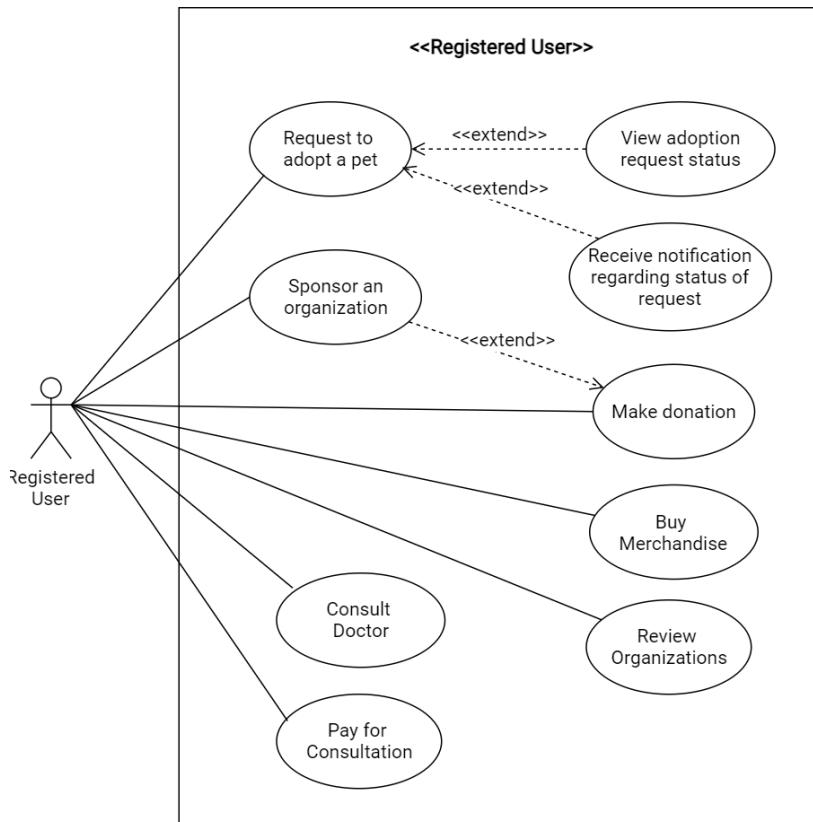


Figure 5: Use Case Diagram - Registered User

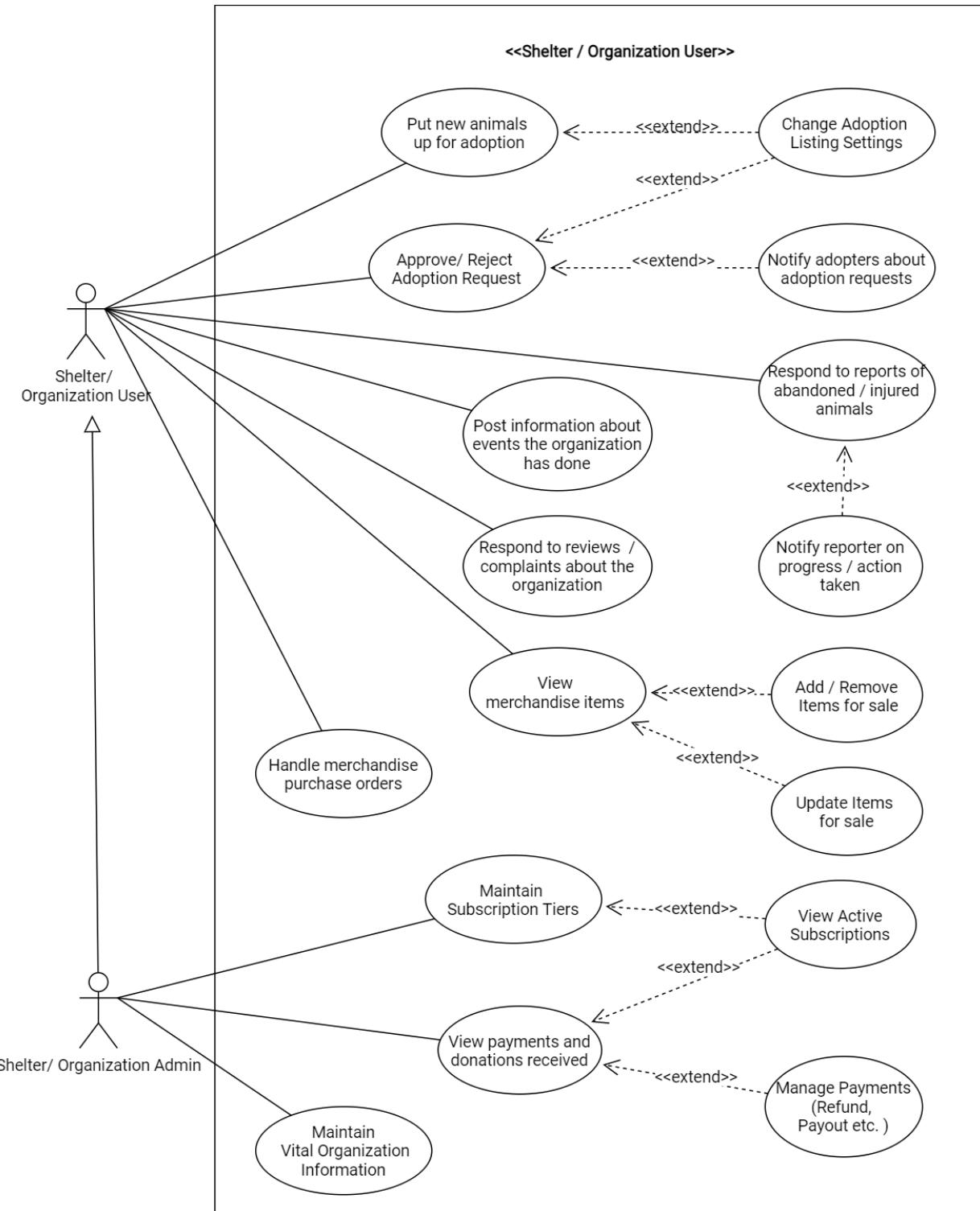


Figure 6: Use Case Diagram - Organization User

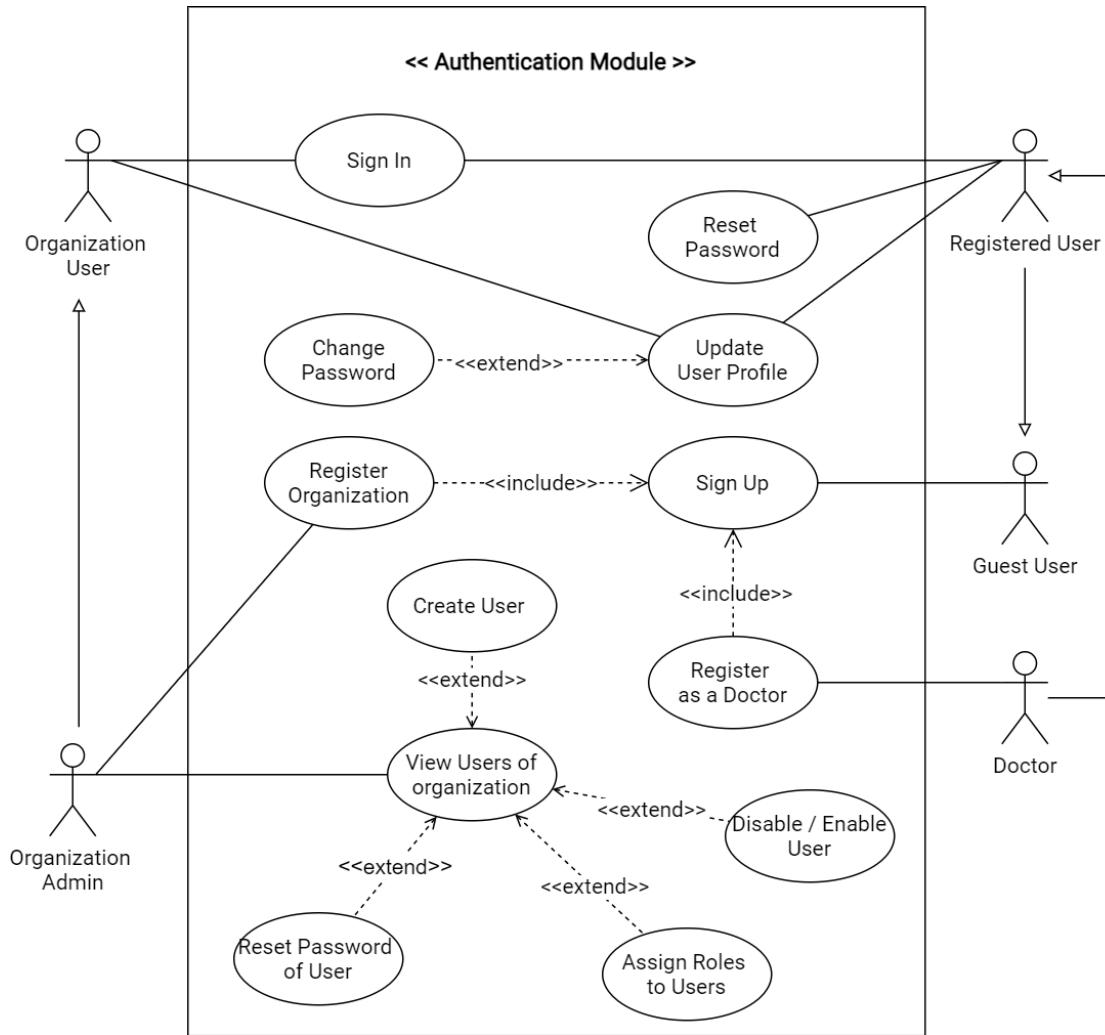


Figure 7: Use Case Diagram - Authentication Module

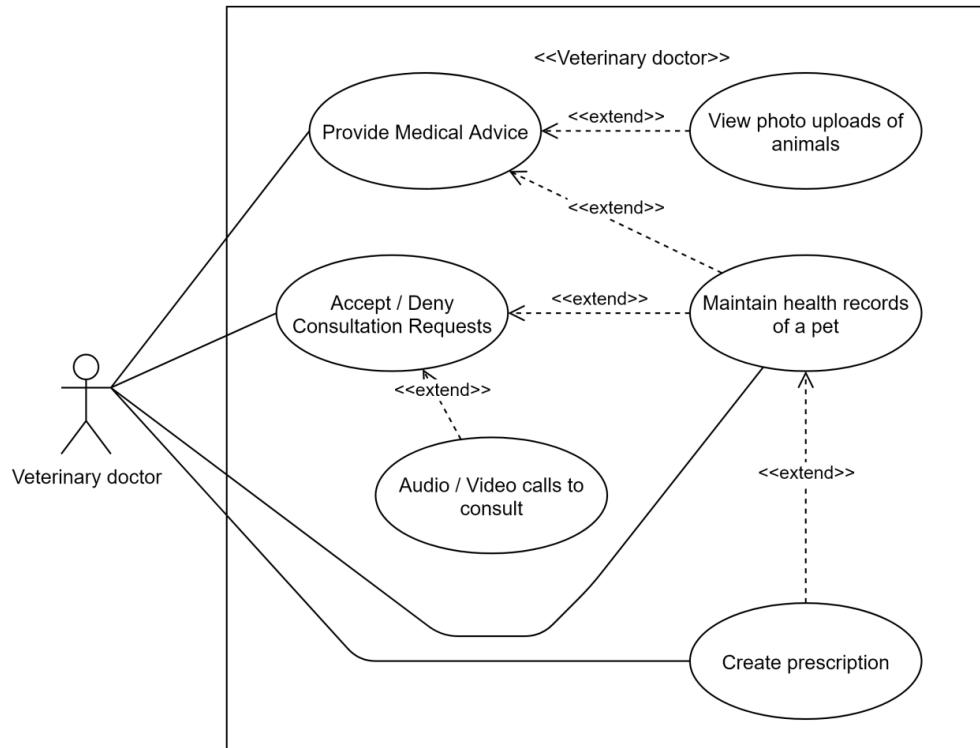


Figure 8: Use Case Diagram - Veterinary Doctor

4.3 Use Case Narratives

4.3.1 GUEST USER

Table 2: Use Case Narrative #1 - Search for animals to adopt

Use Case ID	1
Use Case Name	Search for animals to adopt
Primary Actor/s	Guest User
Description	Users can filter and shortlist the available animals based on their preferences.
Pre-Conditions	There should be animals available to adopt.
Main Scenario	<ul style="list-style-type: none"> • Visit the website • Filter by age, color, location, gender or organization • Search by keywords • View details of an interested animal.
Exceptions	User can select a pet to adopt during the process or even before applying any filters.
Post-Conditions	<ul style="list-style-type: none"> • Correct results for the filters & keywords are displayed. • Filters will reset for subsequent visits.

Table 3: Use Case Narrative #2 - View emergency contact numbers

Use Case ID	2
Use Case Name	View emergency contact numbers
Primary Actor/s	Guest User
Description	User can use emergency contacts which are available
Pre-Conditions	There must be emergency at least one contact number added by the organization
Main Scenario	<ul style="list-style-type: none"> • Visit organization profile • Go to emergency contacts numbers • Select view emergency numbers
Exceptions	User can choose to call the emergency contact without viewing numbers.
Post-Conditions	<ul style="list-style-type: none"> • The contact numbers were displayed correctly. • User can copy or call a selected number

Table 4: Use Case Narrative #3 - Call emergency contact

Use Case ID	3
Use Case Name	Call emergency contact
Primary Actor/s	Guest User
Description	User has access to call the emergency contacts
Pre-Conditions	Each emergency numbers must view with some details of the contact
Main Scenario	<ul style="list-style-type: none"> • User views organization profile • Select and call a preferable contact • System automatically dials up the number through user's device
Exceptions	<ul style="list-style-type: none"> • User must be browsing from a mobile phone or another compatible device in order for the automatic dialup to work. • Otherwise, user will have to follow an alternative method. • Some numbers may be unavailable.
Post-Conditions	Call gets dialed up correctly

Table 5: Use Case Narrative #4 - View Organization Profile / Feed

Use Case ID	4
Use Case Name	View Organization Profile / Feed
Primary Actor/s	Guest User
Description	Organizations can maintain a profile and a timeline of their events. Users can view these after selecting an organization
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Search and filter organization • Select an organization from the available list • View Profile
Exceptions	<ul style="list-style-type: none"> • User can donate to the organization or subscribe for a sponsorship • Can view merchandise items through the profile page
Post-Conditions	

Table 6: Use Case Narrative #5 - Report about injured animals

Use Case ID	5
Use Case Name	Report about injured animals
Primary Actor/s	Guest User
Description	When someone finds an injured/abandoned animal on the road or somewhere else they can report it through the system.
Pre-Conditions	The user should have a photo, the location and other relevant information of the animal
Main Scenario	<ul style="list-style-type: none"> • Input description • Upload a Picture • Provide location data or input location manually • Submit
Exceptions	User can choose to directly call instead of reporting.
Post-Conditions	<ul style="list-style-type: none"> • A report is created containing all required data. • A notification is sent to the organization

4.3.2 REGISTERED USER

Table 7: Use Case Narrative #6 - Request to Adopt a pet

Use Case ID	6
Use Case Name	Request to Adopt a pet
Primary Actor/s	Registered User
Description	User submits a request to adopt a pet from the relevant organization
Pre-Conditions	Pet should be one that is available for adoption - not already adopted
Main Scenario	<ul style="list-style-type: none"> • Visit website • Search for pets • Select Request to Adopt for required pet
Exceptions	<ul style="list-style-type: none"> • If user has 2 pending requests, he cannot request more pets • If user adopted a pet within the last 7 days, then he cannot request a pet
Post-Conditions	<ul style="list-style-type: none"> • Organization user is notified of adoption request • Organization user receives contact details of adopter • The requested pet will be visible as "Request Pending" for registered user who requested

Table 8: Use Case Narrative #7 - View adoption request status

Use Case ID	7
Use Case Name	View adoption request status
Primary Actor/s	Registered User
Description	User can see if the request is still pending, rejected or approved
Pre-Conditions	An Adoption request must have been made by the user
Main Scenario	<ul style="list-style-type: none"> • Sign in • Visit profile • Go to Pending Adoption Requests • View request status
Exceptions	Request will not be displayed if the relevant animal has been adopted or is not available for adoption any longer
Post-Conditions	Current state of the pending requests was displayed correctly

Table 9: Use Case Narrative #8 - Receive notification regarding the status of an adoption request

Use Case ID	8
Use Case Name	Receive notification regarding the status of an adoption request
Primary Actor/s	Registered User
Description	User receives a notification that says if request was rejected or approved
Pre-Conditions	Organization user must check the notification of adoption request
Main Scenario	<ul style="list-style-type: none"> • Organization User approves or rejects the registered user's adoption request • User receives notification • Check if request was accepted or rejected
Exceptions	Organization user does not respond to request at all
Post-Conditions	

Table 10: Use Case Narrative #9 - Make donation

Use Case ID	9
Use Case Name	Make donation
Primary Actor/s	Registered User
Description	User donates monetary funds to an organization or a particular pet of an organization
Pre-Conditions	Organization must be open for funding Organization must put up a pet in need of funds
Main Scenario	<ul style="list-style-type: none"> • User visits an organization's page • View donation requests • Select a fund • Be directed to payment gateway • Enter payment details including amount to be donated • System credits the amount to the organization's account • Updates the user's payment history • Generate receipt
Exceptions	User enters invalid payment details
Post-Conditions	Show confirmation of successful payment

Table 11: Use Case Narrative #10 - Subscribe to a sponsorship of an organization

Use Case ID	10
Use Case Name	Subscribe to a sponsorship of an organization
Primary Actor/s	Registered User
Description	User agrees to donates periodically to a specific organization or pet
Pre-Conditions	<ul style="list-style-type: none"> • Organization must be open for funding • Organization must put up a pet in need of funds
Main Scenario	<ul style="list-style-type: none"> • User visits an organization's page • View sponsorship tiers open for subscription • Select Subscribe/ Unsubscribe option • Enter payment details • System updates user's subscriptions
Exceptions	
Post-Conditions	

Table 12: Use Case Narrative #11 - Buy merchandise

Use Case ID	11
Use Case Name	Buy merchandise
Primary Actor/s	Registered User
Description	User buys pet food, toys from an organization
Pre-Conditions	Organizations should have merchandise in stock
Main Scenario	<ul style="list-style-type: none"> • User applies filter/ searches by keywords for merchandise • Selects required item • Be directed to payment gateway • Enter payment details • System credits organization account • Notifies organization • Generate receipt
Exceptions	<ul style="list-style-type: none"> • There is no merchandise available for sale • User enters invalid payment details
Post-Conditions	Show confirmation of successful payment

Table 13: Use Case Narrative #12 - Review organizations

Use Case ID	12
Use Case Name	Review organizations
Primary Actor/s	Registered User
Description	User comments on the performance of organizations
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • User visits an organization's page • Selects "Review organization" option • Enters comments
Exceptions	
Post-Conditions	

Table 14: Use Case Narrative #13 - Consult doctor

Use Case ID	13
Use Case Name	Consult doctor
Primary Actor/s	Registered User
Description	User consults a veterinary doctor about their pet's health conditions
Pre-Conditions	A doctor must be available for online consultation in real time or later
Main Scenario	<ul style="list-style-type: none"> • User searches for doctors • Views available doctors • Take audio/ video call if doctor is online or upload pet's picture • Receives consultation • Doctor create prescription
Exceptions	<ul style="list-style-type: none"> • There are no doctors who are online at the time • An uploaded picture is not viewed by the doctor • An uploaded picture is removed by the user before receiving consultation
Post-Conditions	Prescription is downloaded

Table 15: Use Case Narrative #14 - Pay for consultation

Use Case ID	14
Use Case Name	Pay for consultation
Primary Actor/s	Registered User
Description	User pays the veterinary doctor for consulting on their pet's health
Pre-Conditions	Doctor must declare that the consultation is one that requires payment
Main Scenario	<ul style="list-style-type: none"> • User visits the relevant doctor's page • Selects "Payment" option • Enters payment details including doctor's fee • Generate receipt
Exceptions	Invalid payment details entered
Post-Conditions	<ul style="list-style-type: none"> • User receives confirmation of successful payment • Doctor receives confirmation of successful payment

Table 16: Use Case Narrative #50 - View Purchase, Donation & Sponsorship History

Use Case ID	50
Use Case Name	View Purchase, Donation & Sponsorship History
Primary Actor/s	Registered User
Description	User can view their past purchases and donations
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • User visits website • Signs in • Visit's profile • Selects purchase history • View past purchases, donations, subscriptions
Exceptions	If there haven't been any transactions, the purchase history content will be empty
Post-Conditions	

4.3.3 ORGANIZATION USER

Table 17: Use Case Narrative #15 - Put new animals up for adoption

Use Case ID	15
Use Case Name	Put new animals up for adoption
Primary Actor/s	Organization User
Description	Organization User adds details about new animals to be adopted to the system
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization User navigates to "Animals for Adoption" section • Selects "Add new animal for adoption" • Add relevant details about the animal • Confirm the details
Exceptions	
Post-Conditions	<ul style="list-style-type: none"> • The new opportunity will be displayed in the system. • Registered Users receive a notification on the newly added opportunity.

Table 18: Use Case Narrative #16 - Change Adoption Listing Settings

Use Case ID	16
Use Case Name	Change Adoption Listing Settings
Primary Actor/s	Organization User
Description	Organization User can change listing setting of the adoption opportunities to hide or view relevant opportunities
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization User navigates to "Settings" section • View's listing settings • Select listing option
Exceptions	
Post-Conditions	Listing settings of relevant adoption opportunities will change accordingly in the UI

Table 19: Use Case Narrative #17 - Approve/ Reject Adoption Request

Use Case ID	17
Use Case Name	Approve/ Reject Adoption Request
Primary Actor/s	Organization User
Description	Organization User approves or rejects the adoption requests sent by registered users
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization User selects adoption requests • Change the status to "Approved/Rejected"
Exceptions	
Post-Conditions	Requested user will get a notification on the status change Opportunity status will be changed accordingly

Table 20: Use Case Narrative #18 - Notify adopters about adoption requests

Use Case ID	18
Use Case Name	Notify adopters about adoption requests
Primary Actor/s	Organization User
Description	Once the organization user selects an adoption request from the list and change its status, a notification will be sent to the registered user who requested indicating the status of it.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization User selects adoption requests • Change the status to "Approved/Rejected"
Exceptions	Incorrect contact details entered
Post-Conditions	Requested user will get a notification on the status change.

Table 21: Use Case Narrative #19 - Respond to reports of abandoned / injured animals

Use Case ID	19
Use Case Name	Respond to reports of abandoned / injured animals
Primary Actor/s	Organization User
Description	Organization will view, respond and handle the cases reported by users
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization will view reported cases • Select the case to be taken care of • Changes its status to 'Allocated'
Exceptions	Case reported being fake
Post-Conditions	<ul style="list-style-type: none"> • Reported user will get a notification on the status change • Case status will be changed accordingly

Table 22: Use Case Narrative #20 - Notify reporter on progress / action taken

Use Case ID	20
Use Case Name	Notify reporter on progress / action taken
Primary Actor/s	Organization User
Description	Organization will add further updates on the process and actions taken regarding the reported case.
Pre-Conditions	The relevant case has to be taken care of by the same organization
Main Scenario	<ul style="list-style-type: none"> • Organization will view reported cases • Select the case to be updated • Adds an update on the process / actions taken • Add photo proof for updates
Exceptions	Case reported being fake
Post-Conditions	Update notification on the case will be sent to the reported user

Table 23: Use Case Narrative #21 - Post information about events the organization has done

Use Case ID	21
Use Case Name	Post information about events the organization has done
Primary Actor/s	Organization User
Description	Organization User will post about past events conducted by the organization and upcoming events to be conducted
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization user will view existing events • Select an option from modify event / remove event / create event (Past Event / Upcoming Event)
Exceptions	
Post-Conditions	Event information will be posted in the system

Table 24: Use Case Narrative #52 - Add new updates about rescued animals

Use Case ID	52
Use Case Name	Add new updates about rescued animals
Primary Actor/s	Organization User
Description	Organization User can update the reporter on the progress on the rescue report.
Pre-Conditions	Rescue request must be reported.
Main Scenario	<ul style="list-style-type: none"> • View Rescue reports • Provide progress information • Save
Exceptions	
Post-Conditions	<ul style="list-style-type: none"> • Update persisted under the rescue report. • Reporter notified

4.3.4 ORGANIZATION ADMIN

Table 25: Use Case Narrative #22 - Respond to reviews / complaints about the organization

Use Case ID	22
Use Case Name	Respond to reviews / complaints about the organization
Primary Actor/s	Organization User
Description	Organization User will view and respond to reviews given by users
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Organization will view reviews • Give responses to reviews
Exceptions	
Post-Conditions	<ul style="list-style-type: none"> • Reviewer will be notifying on the responses • Responses will be displayed in the system

Table 26: Use Case Narrative #23 - View merchandise items

Use Case ID	23
Use Case Name	View merchandise items
Primary Actor/s	Organization User
Description	Organization User will view details about merchandise items that are made available in the web-store for purchase in the store
Pre-Conditions	Merchandise items should belong to the relevant organization
Main Scenario	<ul style="list-style-type: none"> • Organization User will view the list of merchandise item that are made available in the web-store • Select Product • View details about the product
Exceptions	
Post-Conditions	

Table 27: Use Case Narrative #24 - Add / Remove Items for sale

Use Case ID	24
Use Case Name	Add / Remove Items for sale
Primary Actor/s	Organization User
Description	Organization User will add / remove merchandise items that are made available in the web-store for purchase in the store
Pre-Conditions	Merchandise items should belong to the relevant organization
Main Scenario	<ul style="list-style-type: none"> • Organization User will navigate to web-store • Add new items / remove existing items that are made available in the web-store
Exceptions	
Post-Conditions	The relevant addition or removal carried out by the user must be properly persisted in the database

Table 28: Use Case Narrative #25 - Update Items for sale

Use Case ID	25
Use Case Name	Update Items for sale
Primary Actor/s	Organization User
Description	Organization will update details about the merchandise items that are made available in the web-store for purchase in the store
Pre-Conditions	Merchandise items should belong to the relevant organization
Main Scenario	<ul style="list-style-type: none"> • Organization User will navigate to web-store • Update details about existing items that are made available in the web-store
Exceptions	
Post-Conditions	

Table 29: Use Case Narrative #26 - Handle merchandise purchase orders

Use Case ID	26
Use Case Name	Handle merchandise purchase orders
Primary Actor/s	Organization User
Description	Organization user handles the received order requests
Pre-Conditions	Organizations should have merchandise in stock
Main Scenario	<ul style="list-style-type: none"> • Organization user views the list of order requests • Confirms the order request • Sends confirmation notification and invoice • Prepares and dispatches the items
Exceptions	<ul style="list-style-type: none"> • If the organization cannot fulfill the order due to any reason. • User can reject the order • Payment made by the user will be refunded
Post-Conditions	

Table 30: Use Case Narrative #27 - Maintain Sponsorship Tiers

Use Case ID	27
Use Case Name	Maintain Sponsorship Tiers
Primary Actor/s	Organization Admin
Description	Each organization is different and they will have different requirements. So, organizations can decide on the details of sponsorships (prices, benefits) tiers themselves.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Create new sponsorship tier • or modify an existing tier • or Remove a Tier from the system
Exceptions	<ul style="list-style-type: none"> • Tier modifications (amount changes) will not affect existing subscriptions • When a tier is removed user can migrate existing subscriptions to a lower or equal tier
Post-Conditions	

Table 31: Use Case Narrative #28 - View Active Sponsorships

Use Case ID	28
Use Case Name	View Active Sponsorships
Primary Actor/s	Organization Admin
Description	An organization can have multiple active sponsorships. It is crucial to know the people sponsoring the organization and the amounts.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Navigate to Organization Dashboard • View Sponsorships • View Active Sponsorship Details • View Summary
Exceptions	
Post-Conditions	

Table 32: Use Case Narrative #29 - View payments and donations received

Use Case ID	29
Use Case Name	View payments and donations received
Primary Actor/s	Organization Admin
Description	Being able to view payments and donations is important to planning and other management tasks. This will also provide an analytical view into the donations received.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Navigate to Organization Dashboard • View Payments • Apply Filters • View Details of specific a payment / donation (Date, user, type)
Exceptions	If the organization doesn't have received any donations or payments an empty list will be displayed
Post-Conditions	

Table 33: Use Case Narrative #30 - Refund Payment

Use Case ID	30
Use Case Name	Refund Payment
Primary Actor/s	Organization Admin
Description	Payments received by the organization have to be refunded sometimes this has to be notified to the user with relevant transaction details
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • View Payments & Select a Payment • Select "Refund Payment" • Provide a Reason • View Transaction details
Exceptions	A payment can be refunded only within the permitted refund duration of the payment method (eg:90 days).
Post-Conditions	A Notification must be generated and sent to the user who made the payment

Table 34: Use Case Narrative #31 - Maintain Vital Organization Information

Use Case ID	31
Use Case Name	Maintain Vital Organization Information
Primary Actor/s	Organization Admin
Description	Organizations have key vital information such as Names, Addresses contact numbers etc. Admin can modify and update those.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Go to Organization Settings • Select "Edit Organization Profile" • Update fields as required. • Save
Exceptions	User can choose to discard the changes without saving
Post-Conditions	Details are updated and presented correctly

Table 35: Use Case Narrative #45 - View users of an organization

Use Case ID	45
Use Case Name	View users of an organization
Primary Actor/s	Organization Admin
Description	Organization admin can view who are the users in his/her organization and their details such as email, status (Enabled or Disabled) and the assigned role.
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Go to Organization Settings • Select "Users & Roles" • View users and perform any tasks required.
Exceptions	Admin can choose to perform other tasks from this screen such as password reset and role assignment.
Post-Conditions	

Table 36: Use Case Narrative #46 - Create an Organization User

Use Case ID	46
Use Case Name	Create an Organization User
Primary Actor/s	Organization Admin, Organization User
Description	The addition of a new user to an organization can be done only by the admin of that organization.
Pre-Conditions	Admin should have the required information to create a user (an email address, username)
Main Scenario	<ul style="list-style-type: none"> • Navigate to "Organization Settings" • Select "Users & Roles" -> New User • Input User details (Name, email, role, password) • Submit
Exceptions	
Post-Conditions	<ul style="list-style-type: none"> • User is created successfully • A notification email is sent to the created user.

Table 37: Use Case Narrative #47 - Disable / Enable User

Use Case ID	47
Use Case Name	Disable / Enable User
Primary Actor/s	Organization Admin
Description	Temporarily disabling a user and enabling back can be done only by the admin
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Choose a user from the available users • Choose either to enable or disable • Submit
Exceptions	User cannot disable his/her self.
Post-Conditions	<ul style="list-style-type: none"> • Respective user is disabled or enabled as required • If the user is disabled and user is currently signed in, he/she should be signed out immediately

Table 38: Use Case Narrative #48 - Assign Roles to Users

Use Case ID	48
Use Case Name	Assign Roles to Users
Primary Actor/s	Organization Admin
Description	Organization admin can decide on which users are admins and which users are normal users
Pre-Conditions	Organization needs to have more than one user
Main Scenario	<ul style="list-style-type: none"> • Choose a user from the available users • Select the required user role • Submit
Exceptions	User can't change his/her assigned role
Post-Conditions	Role change must affect immediately without the related user having to re-authenticate

Table 39: Use Case Narrative #49 - Reset Password of Organization User

Use Case ID	49
Use Case Name	Reset Password of Organization User
Primary Actor/s	Organization Admin, Organization User
Description	If an organization user needs to reset his/her password they can ask the admin to generate a reset link for them. (They cannot reset the password through normal flow)
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Choose a user from the available users • Generate an email containing a password reset link • Organization user navigates to the link • Enter a new password (with confirmation) • Submit
Exceptions	<ul style="list-style-type: none"> • The respective user account has to be active in order to reset the password. • Reset link expires 2 hours after generation and will also expire after use. • If the user doesn't have access to the email, admin can also directly access the reset link.
Post-Conditions	User password is changed User can sign in using the new password

4.3.5 VETERINARY DOCTOR

Table 40: Use Case Narrative #32 - Provide Medical Advice

Use Case ID	32
Use Case Name	Provide Medical Advice
Primary Actor/s	Veterinary Doctor
Description	A doctor provides medical advice to the pet requested by the user
Pre-Conditions	There must be a call with the relevant accessed user or uploaded a photo of the pet
Main Scenario	<ul style="list-style-type: none"> • The doctor accepts the request • View the uploaded photo of the pet • make audio or video calls • Give consultations
Exceptions	
Post-Conditions	

Table 41: Use Case Narrative #33 - View photo uploads of animals

Use Case ID	33
Use Case Name	View photo uploads of animals
Primary Actor/s	Veterinary Doctor
Description	The doctor views photos of the pet uploaded by users to decide conditions
Pre-Conditions	The doctor must accept the request of the user, User must have the facility to upload a photo
Main Scenario	Go to the relevant user page View the photo of the relevant pet
Exceptions	The doctor may be viewing an unclear photo, The user deletes the photo before the doctor sees the photo
Post-Conditions	Show photos as viewed

Table 42: Use Case Narrative #34 - Accept / Deny Consultation Requests

Use Case ID	34
Use Case Name	Accept / Deny Consultation Requests
Primary Actor/s	Veterinary Doctor
Description	The doctor can accept/deny the requests made by the user
Pre-Conditions	The doctor has no other consultations during this time
Main Scenario	<ul style="list-style-type: none"> • Go to the doctor's page • Accept /deny the consultation
Exceptions	The doctor maybe gets more than one requests at the same time
Post-Conditions	Confirmation of "Request Accepted"

Table 43: Use Case Narrative #35 - Audio / Video calls to consult

Use Case ID	35
Use Case Name	Audio / Video calls to consult
Primary Actor/s	Veterinary Doctor
Description	The veterinary doctor can make audio/video calls with the accepted user to give consultation about the pet's health
Pre-Conditions	The user must have a working phone number.
Main Scenario	<ul style="list-style-type: none"> • Go to the user info and make calls • Get answered for calls from accepted user
Exceptions	<ul style="list-style-type: none"> • There may be a working phone number. • May be face to networks error during the calls
Post-Conditions	

Table 44: Use Case Narrative #36 - Maintain health records of a pet

Use Case ID	36
Use Case Name	Maintain health records of a pet
Primary Actor/s	Veterinary Doctor
Description	The doctor should maintain a health record of each consulted pets by updating the records or creating new records
Pre-Conditions	The doctor must check whether each relevant pet has a previous health record
Main Scenario	<ul style="list-style-type: none"> • Go to the health records • Update or add new records
Exceptions	It may be incorrect previous records
Post-Conditions	The show health record is updated or created by time

Table 45: Use Case Narrative #37 - Create prescription

Use Case ID	37
Use Case Name	Create prescription
Primary Actor/s	Veterinary Doctor
Description	Doctor issues a prescription for consulted pets
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • Go to create prescription • Create prescription, Send it to the relevant user
Exceptions	
Post-Conditions	Make it available for the user to download

Table 46: Use Case Narrative #51 - Request Pay-out

Use Case ID	51
Use Case Name	Request Payout
Primary Actor/s	Organization Admin, Veterinary Doctor
Description	Users can request to transfer the payments they have received to their own account.
Pre-Conditions	Organization or Doctor must have a positive balance of the payments received.
Main Scenario	<ul style="list-style-type: none"> • View available balance • Click and request payout • Continue in the payment gateway. • Balance deducted and money transferred.
Exceptions	Error occurred in the payment gateway and transaction reversed.
Post-Conditions	Transaction amount deducted from the account.

4.3.6 AUTHENTICATION MODULE

Table 47: Use Case Narrative #38 - Sign In

Use Case ID	38
Use Case Name	Sign In
Primary Actor/s	Registered User, Organization User, Organization Admin, Veterinary Doctor
Description	User signs into their profile
Pre-Conditions	Account must already be signed up
Main Scenario	<ul style="list-style-type: none"> • User visits the website • Selects "Sign in" option • Enters username • Enters password
Exceptions	<ul style="list-style-type: none"> • Username is incorrect • Password is incorrect • User is already signed in • User entered the incorrect password more than 5 times
Post-Conditions	User is signed in

Table 48: Use Case Narrative #39 - Sign Up

Use Case ID	39
Use Case Name	Sign Up
Primary Actor/s	Guest User, Organization Admin, Veterinary Doctor
Description	User creates an account on the platform
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • User visits the website • Selects "Sign Up" option • Creates unique username • Creates password
Exceptions	<ul style="list-style-type: none"> • Username is one that already exists • Password doesn't contain at least one number and one special character • Password is too short
Post-Conditions	New user account is added

Table 49: Use Case Narrative #40 - Update User Profile

Use Case ID	40
Use Case Name	Update User Profile
Primary Actor/s	Registered User, Organization User, Organization Admin, Veterinary Doctor
Description	User edits their personal details on their profile
Pre-Conditions	User must be signed in
Main Scenario	<ul style="list-style-type: none"> • User signs in • Visit's profile • Selects "Edit Profile" • Edits personal information
Exceptions	
Post-Conditions	User data is changed

Table 50: Use Case Narrative #41 - Change Password

Use Case ID	41
Use Case Name	Change Password
Primary Actor/s	Registered User, Organization User, Organization Admin, Veterinary Doctor
Description	User changes the existing password to a new one
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • User visits website • Goes to sign in page • Selects "Change Password" option • Enters username • Enters old password • Enters new password
Exceptions	<ul style="list-style-type: none"> • Password doesn't contain at least one number and one special character • Password is too short • Change password link expires 2 hours after generation and will also expire after use
Post-Conditions	Account password is changed

Table 51: Use Case Narrative #42 - Reset Password

Use Case ID	42
Use Case Name	Reset Password
Primary Actor/s	Registered User, Organization Admin, Veterinary Doctor
Description	Account password is changed to the one that was available when creating the account initially
Pre-Conditions	
Main Scenario	<ul style="list-style-type: none"> • User visits website • Goes to sign in page • Selects "Forgot Password" option • Enters email address • Clicks on “reset password” link in email • Enter new password
Exceptions	Reset link expires 2 hours after generation and will also expire after use
Post-Conditions	Account password is reset

Table 52: Use Case Narrative #43 - Register Organization

Use Case ID	43
Use Case Name	Register Organization
Primary Actor/s	Organization Admin
Description	Organizations have to register in the system to list animals, respond to reports and perform other tasks.
Pre-Conditions	The user must have a working phone number and an email address
Main Scenario	<ul style="list-style-type: none"> • Go to Registration Page • Sign Up as a user • Provide Information of organization - organization name, address, telephone • Verify email address and telephone
Exceptions	
Post-Conditions	<ul style="list-style-type: none"> • Organization is created and activated • Admin can sign in with his/her credentials.

Table 53: Use Case Narrative #44 - Register as a Doctor

Use Case ID	44
Use Case Name	Register as a Doctor
Primary Actor/s	Veterinary Doctor
Description	Doctors should register in this system to do their tasks
Pre-Conditions	The doctor must have valid qualifications and working phone number and email
Main Scenario	<ul style="list-style-type: none"> • Go to Registration Page • Sign Up as a Doctor, Provide Information name, address, telephone, email address, and qualifications
Exceptions	There may be Incorrect information of the doctor
Post-Conditions	<ul style="list-style-type: none"> • The profile is created and confirmation of successful registration • Get access to the tasks

4.4 Functional Requirements

The following requirements were derived after contacting animal welfare organizations and veterinary doctors. Also, the responses received for the public survey were used to identify public user requirements.

4.4.1 PET ADOPTION

- Organizations shall be able to list the animal available for adoption.
- Organizations shall be able to view and edit details of animals listed for adoption.
- Organizations shall be able to remove animals listed for adoption.
- Organizations shall be able to view animals who have been adopted.
- Users shall be able to apply filters when browsing for pets.
- Users shall be able to select a pet to adopt.
- A registered user shall be able to request to adopt a pet.
- Organizations shall be able to view adoption requests.
- Organizations shall be able to view contact details of potential adopters who have submitted adoption requests.
- Organizations shall be able to accept or reject an adoption request.
- Users shall be able to send updates about their adoptee to the organization.

4.4.2 ANIMAL RESCUES

- Users shall be able to report about an injured or abandoned animal.
- Organizations shall be able to view pending reports in the nearby vicinity.
- An organization shall be able to take responsibility to take care of or reject a reported incident.
- Organizations shall be able to view animals rescued by them.
- Users shall be able to view emergency contact numbers.
- Users shall be able to contact an organization in an emergency through the system.
- Organizations shall be able to provide updates on a report and the user who submitted the report shall be able to view them.

4.4.3 ANIMAL WELFARE ORGANIZATIONS

- Organizations shall be able to post updates about their welfare work.
- Users shall be able to view the work that an organization has done.
- Users shall be able to provide feedback & complaints to organizations.
- Organizations shall be able to ask for and accept donations.
- Users shall be able to donate to organizations.
- Organization administrators shall be able to create sponsorship tiers.
- Organization administrators shall be able to view, edit and remove sponsorship tiers.
- Users shall be able to subscribe to sponsor an amount to an organization periodically.
- Users shall be able to opt out of the sponsorship.
- Organization administrators shall be able to active and cancelled sponsorships.
- Organizations shall be able to list their merchandise through the platform.
- Organizations shall be able to view and update their listed merchandise.
- Organizations shall be able to remove listed merchandise.
- Users shall be able to filter and browse for merchandise.
- Users shall be able to select and buy merchandise.

- Users shall be able to review organizations and choose to receive a response by the organization by email.
- Organizations shall be able to view reviews about themselves.
- Organizations shall be able to respond to reviews through email.
- Organizations shall be able to have multiple users managing the organization.
- Organization administrators shall be able to add, view and remove organization users.
- Organization administrators shall be able to view payments received.
- Organization administrators shall be able to update organization information.

4.4.4 VETERINARY CONSULTATIONS

- Users shall be able to message a doctor for consultation for their pet.
- Doctors shall be able to view messages requiring consultation and reply to them.
- Doctor shall be able to view weekly schedule.
- Doctors shall be able to select time slots available for consultation.
- Users shall be able to request an appointment for audio or video consultation with a doctor.
- Doctor shall be able to view and accept or reject an appointment request.
- Doctors shall be able to give audio and video consultation for a user.
- Doctors shall be able to create and send a prescription to the user through the system.
- Doctors shall be able to see the medical records of the animal in previous consultations.
- Doctor shall be able to view details of consulted pets.
- Doctor shall be able to update medical records of a consulted pet.
- Users shall be able to pay for the consultations.

4.5 Activity Diagrams

4.5.1 GUEST USER

Use Case 1 – Search for animals to adopt

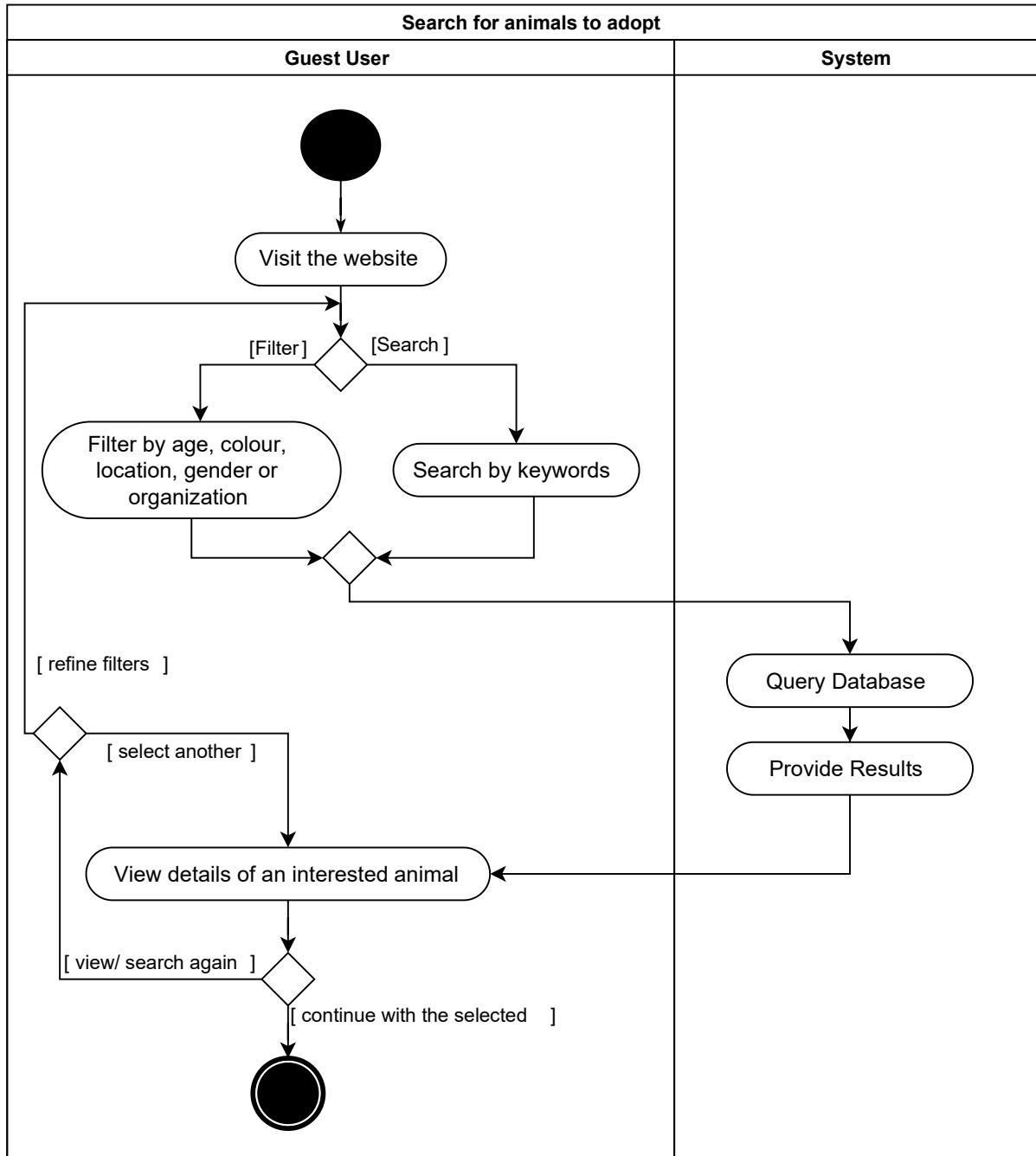


Figure 9 : Activity Diagram - Search for Animals to Adopt

Use Case 2 - View emergency contact numbers

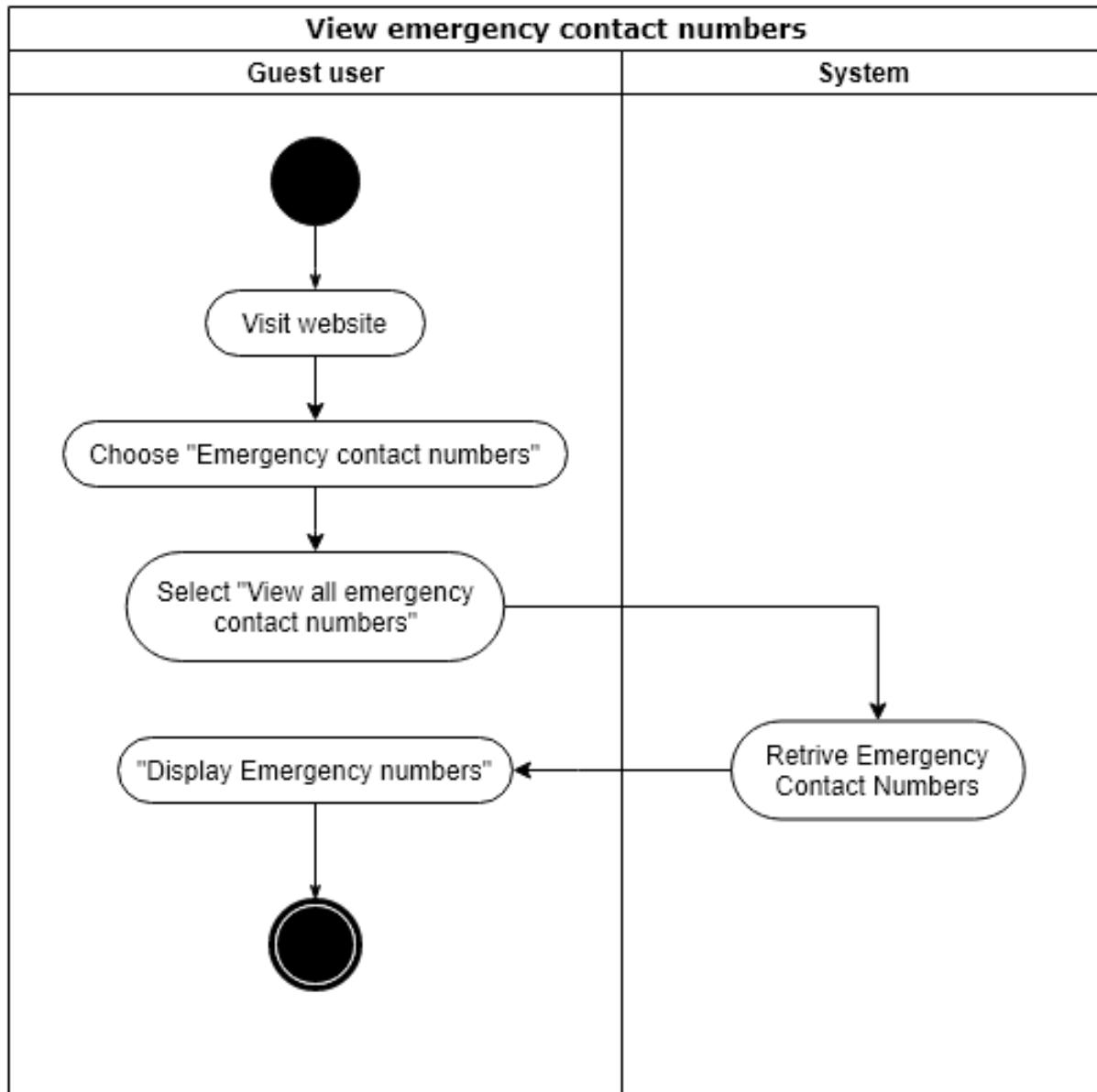


Figure 10: Activity Diagram - View Emergency Contact Numbers

Use Case 3 – Call Emergency Contact

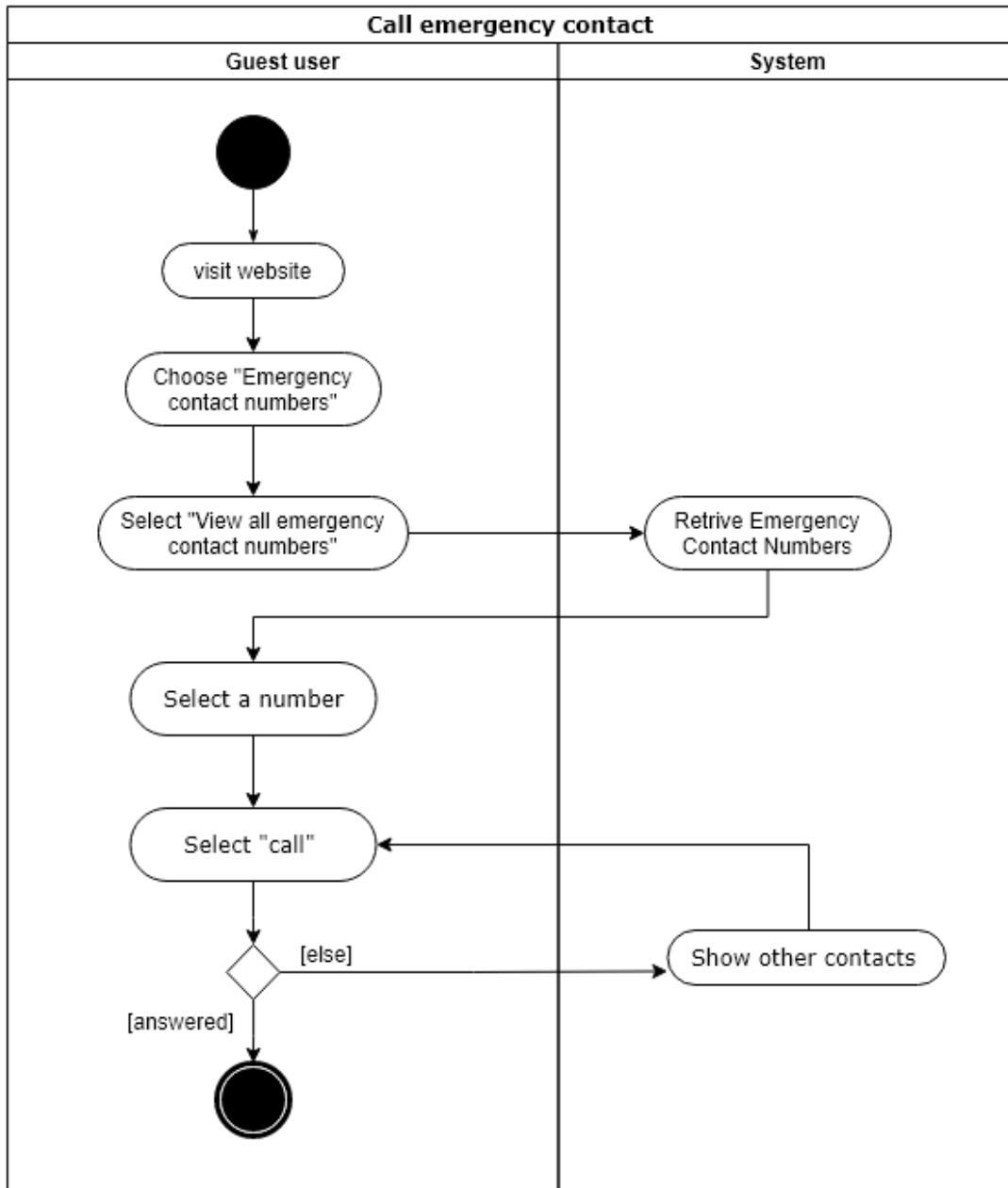


Figure 11: Activity Diagram - Call Emergency Contact

Use Case 4 - View Organization Profile / Feed

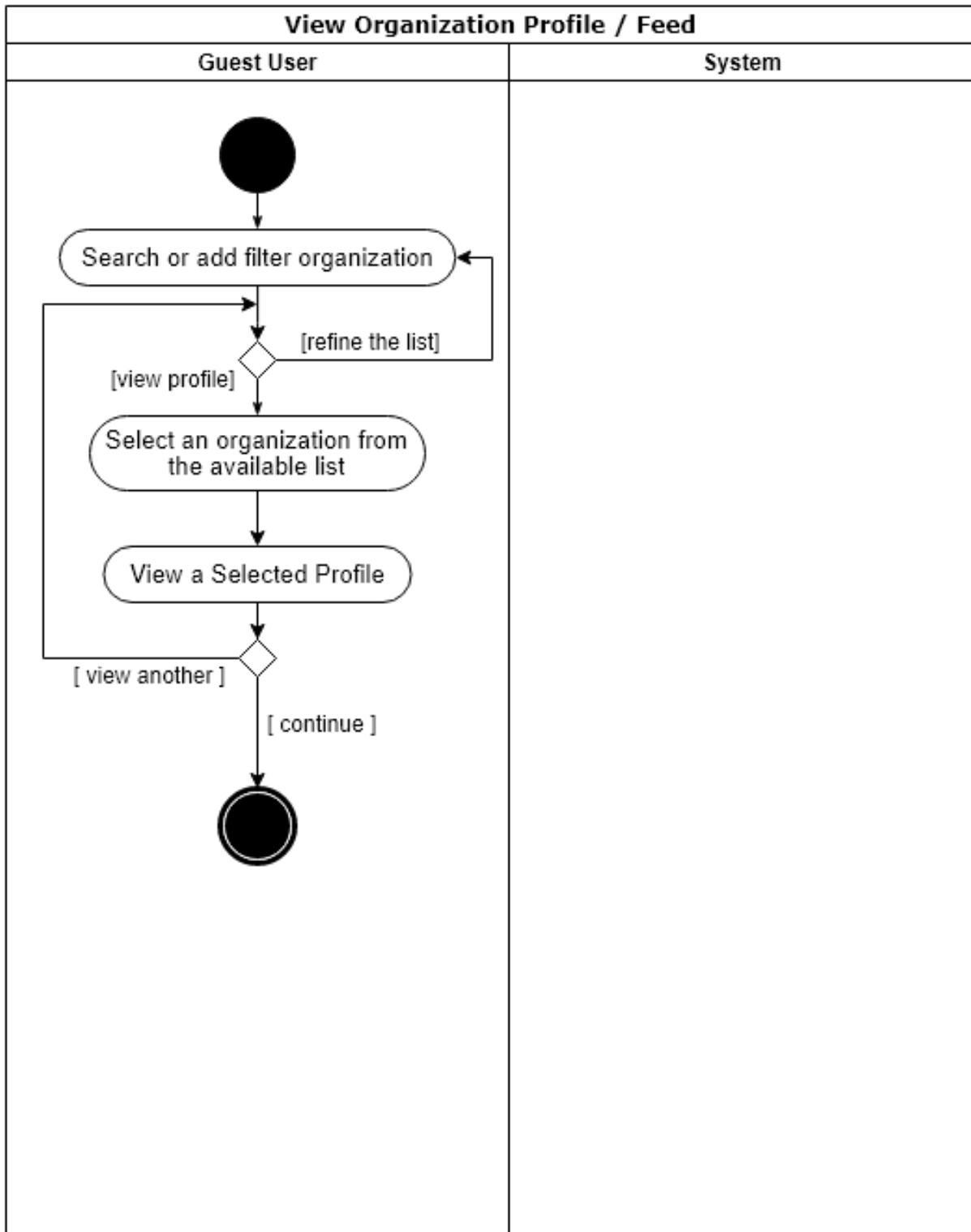


Figure 12: Activity Diagram - View Organization Profile / Feed

Use Case 5 - Report about injured animals

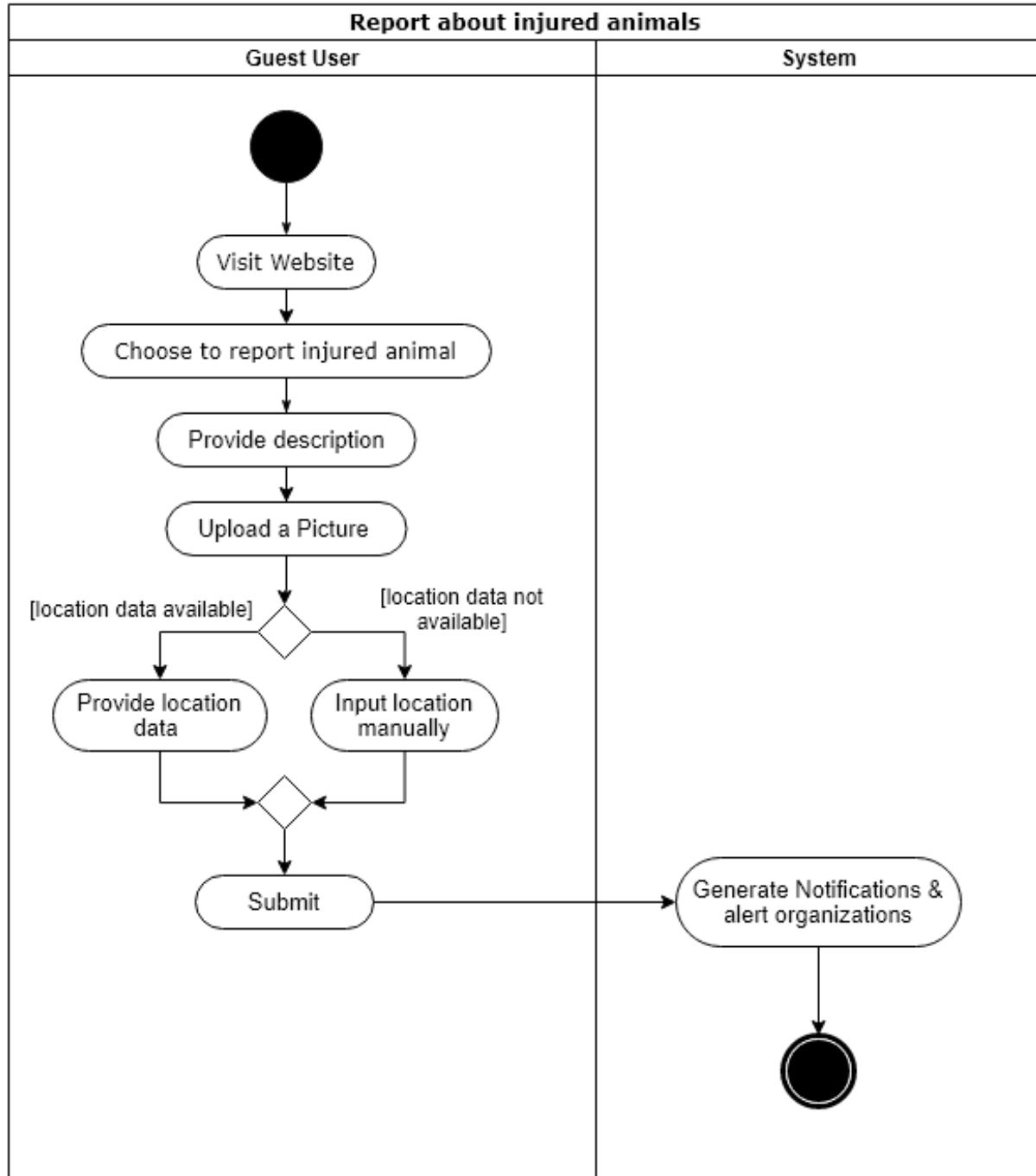


Figure 13: Activity Diagram - Report about injured animals

4.5.2 REGISTERED USER

Use Case 6 - Request to Adopt a pet

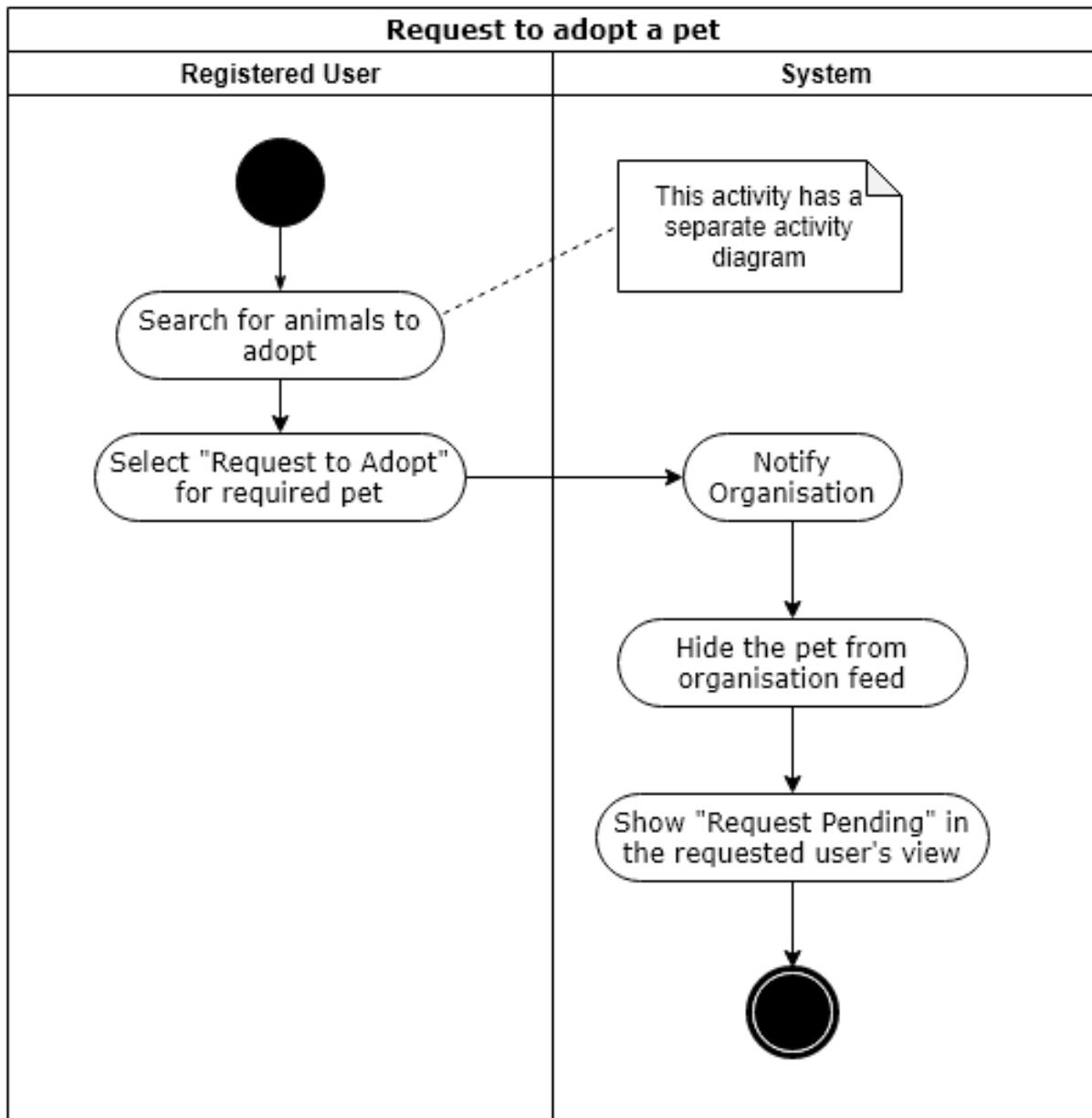


Figure 14: Activity Diagram - Request to Adopt a pet

Use Case 7 - View adoption request status

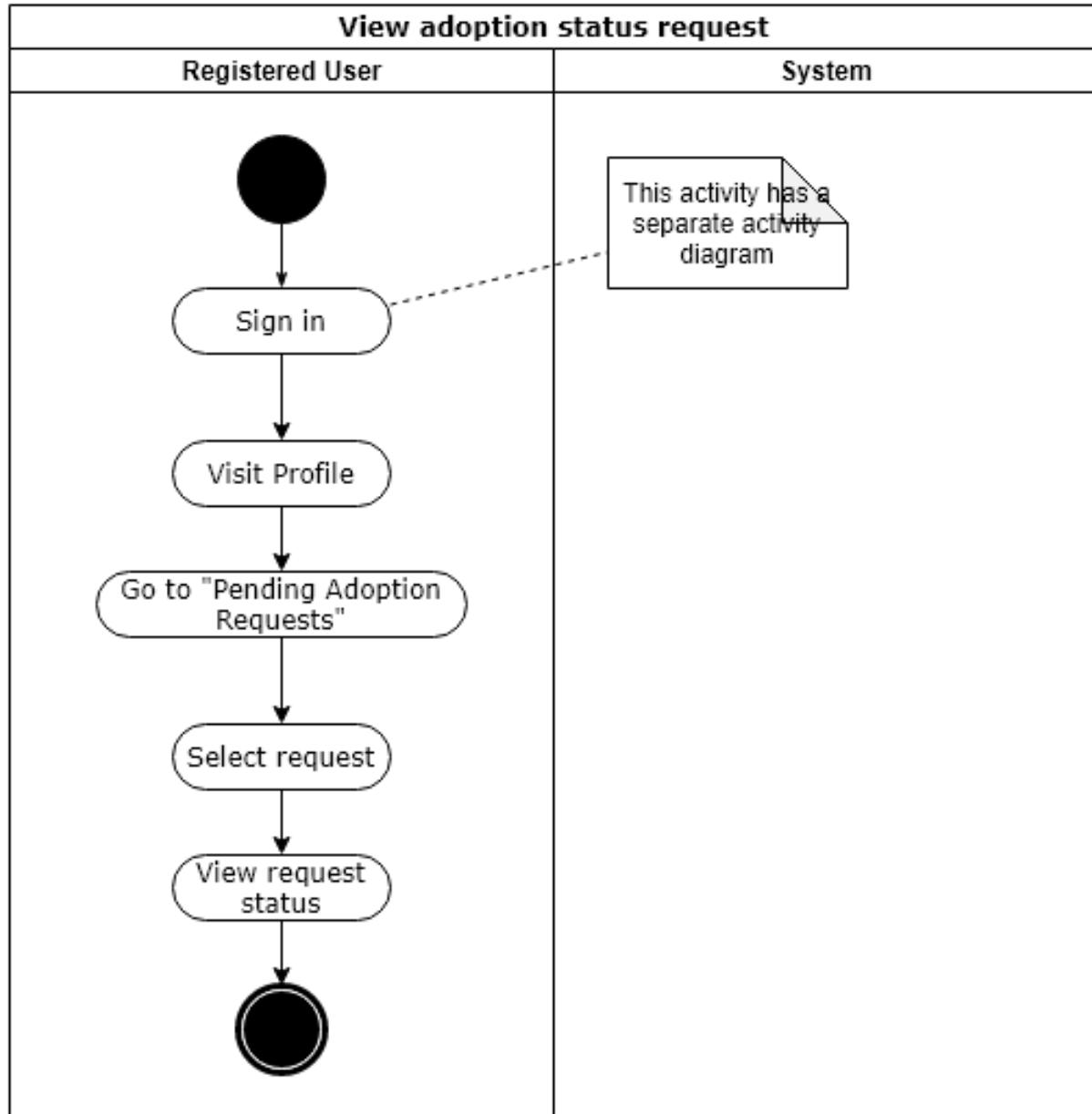


Figure 15: Activity Diagram - View adoption request status

Use Case 8 - Receive notification regarding the status of an adoption request

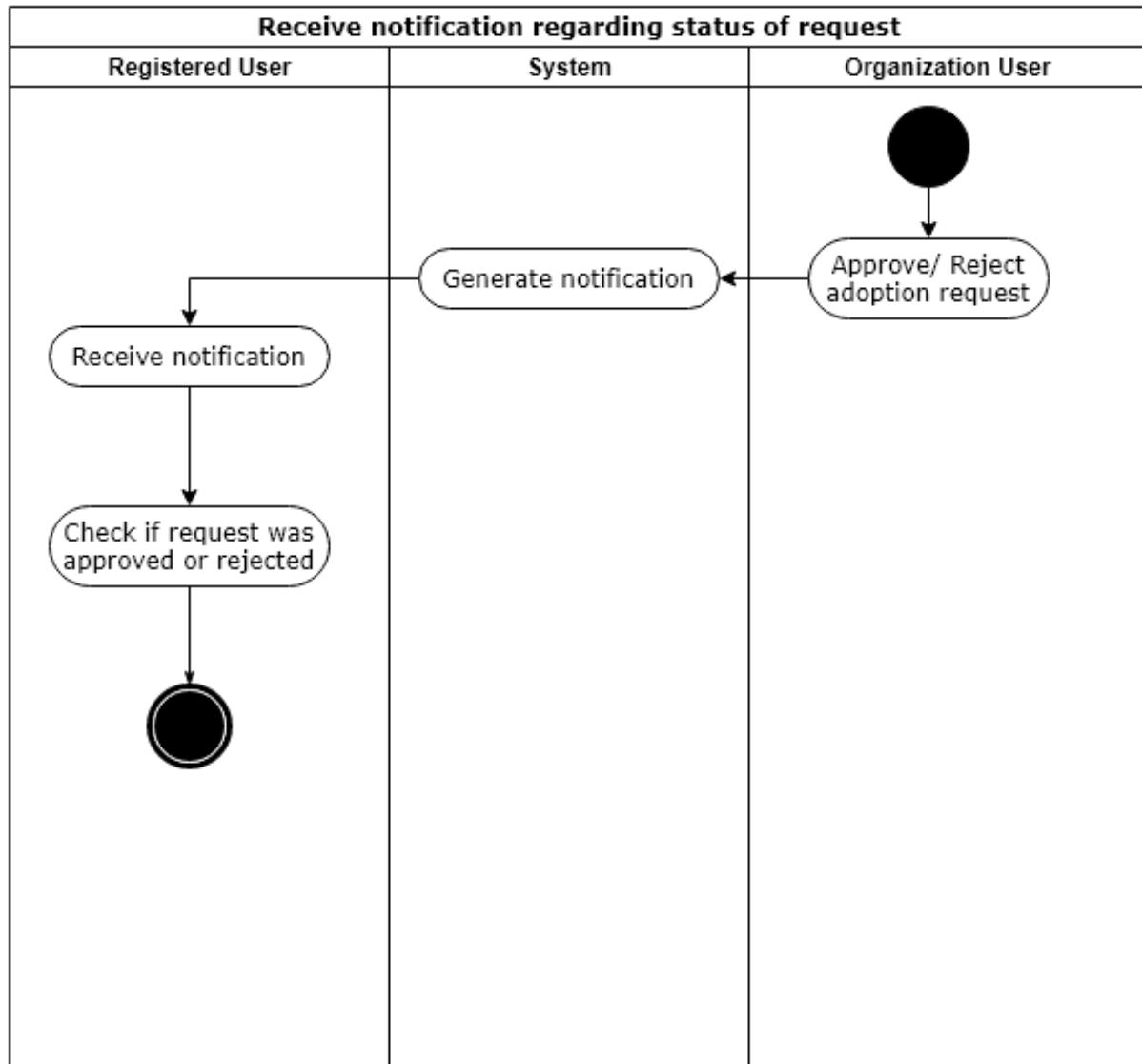


Figure 16: Activity Diagram - Receive notification regarding the status of an adoption request

Use Case 9 - Make donation

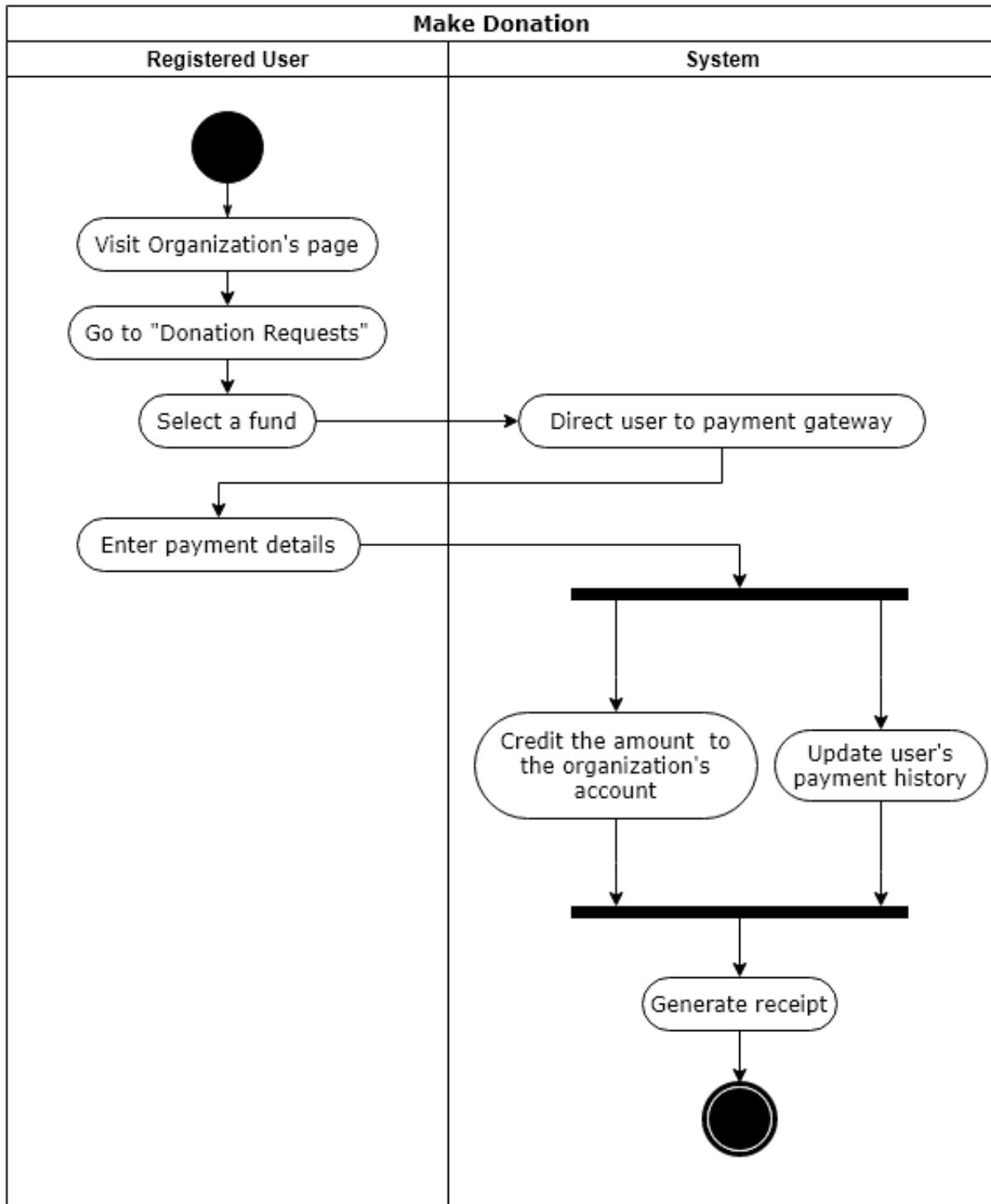


Figure 17: Activity Diagram - Make donation

Use Case 10 - Subscribe to a sponsorship of an organization

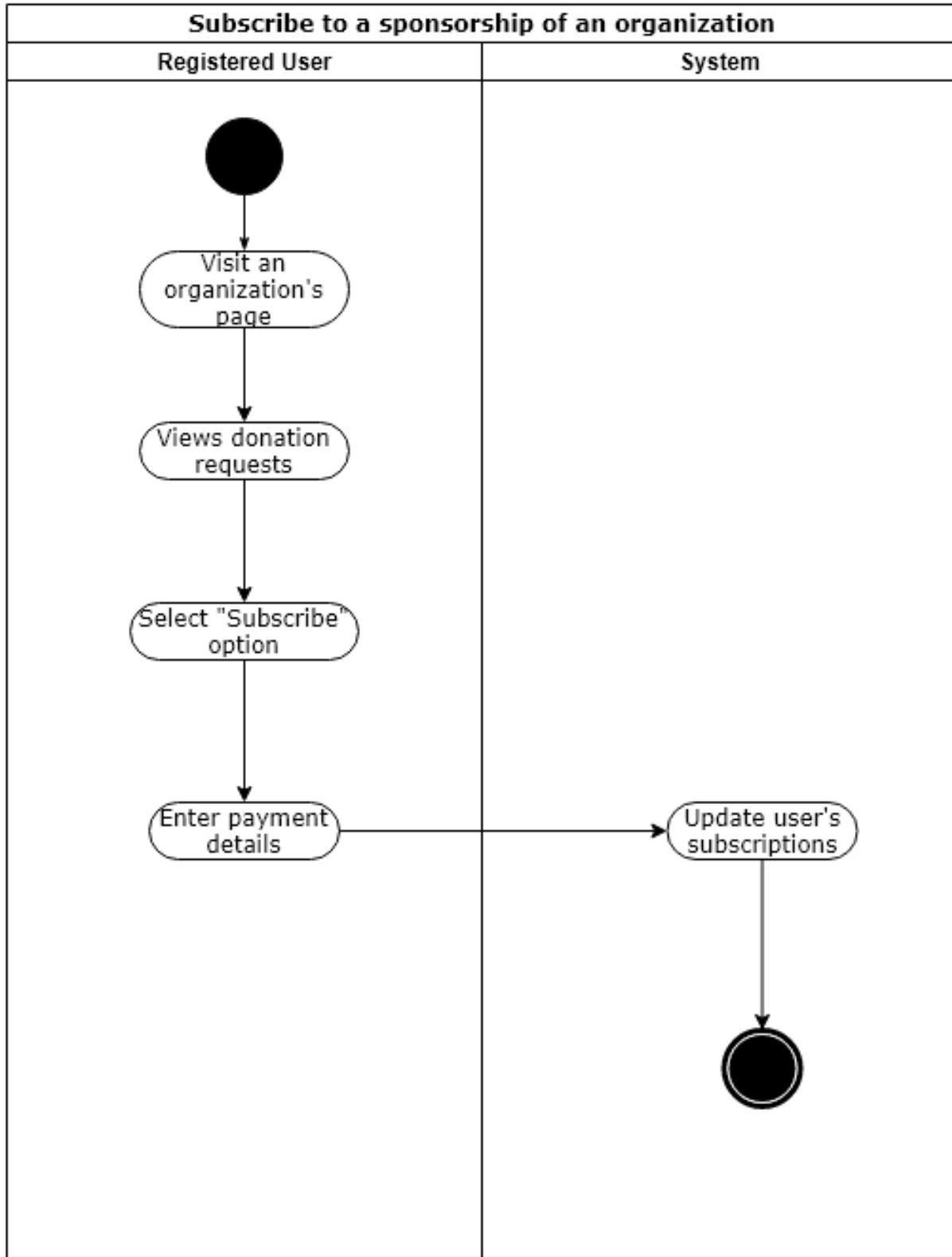


Figure 18: Activity Diagram - Subscribe to a sponsorship of an organization

Use Case 11 - Buy merchandise

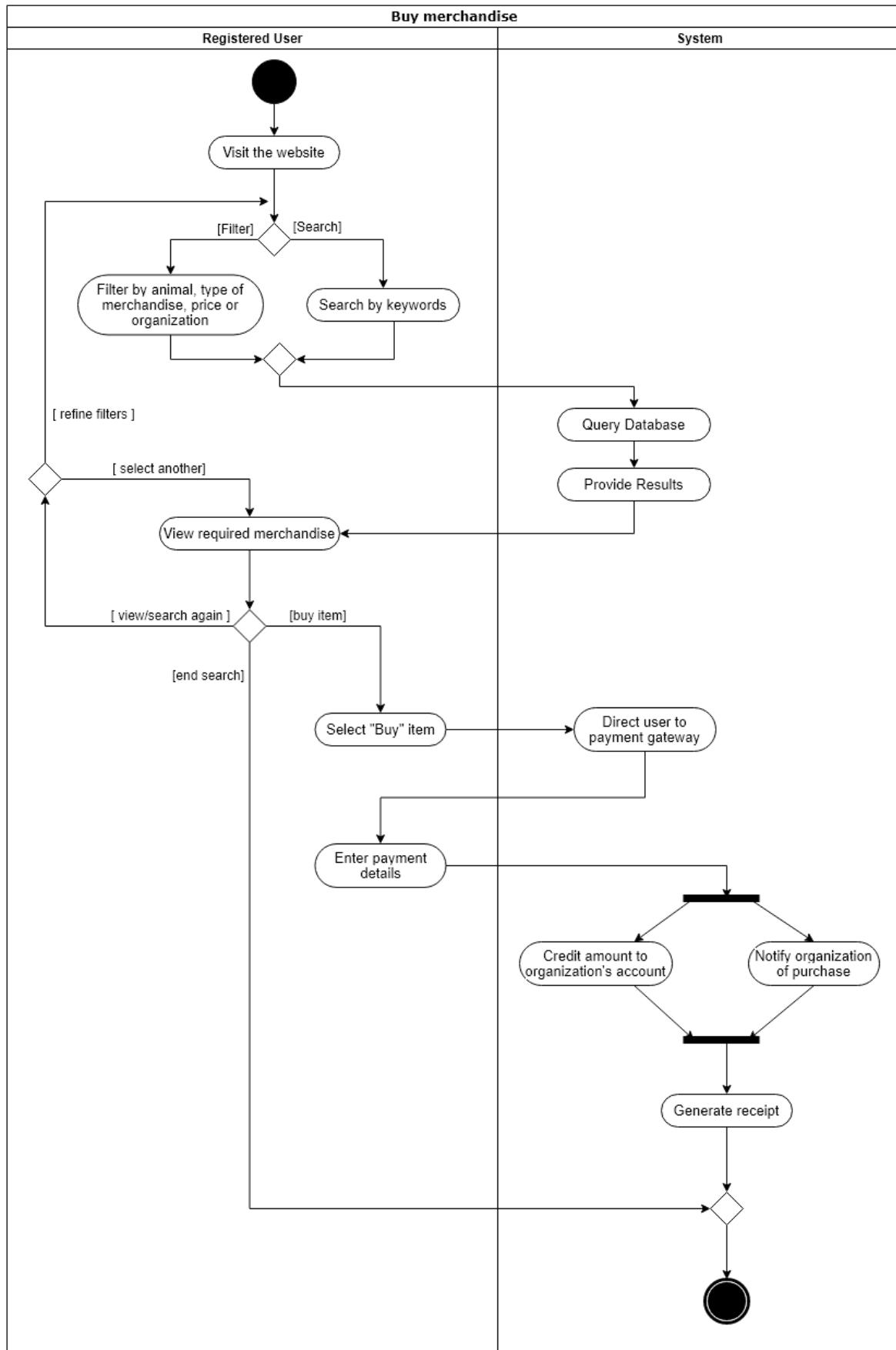


Figure 19: Activity Diagram - Buy merchandise

Use Case 12 - Review organizations

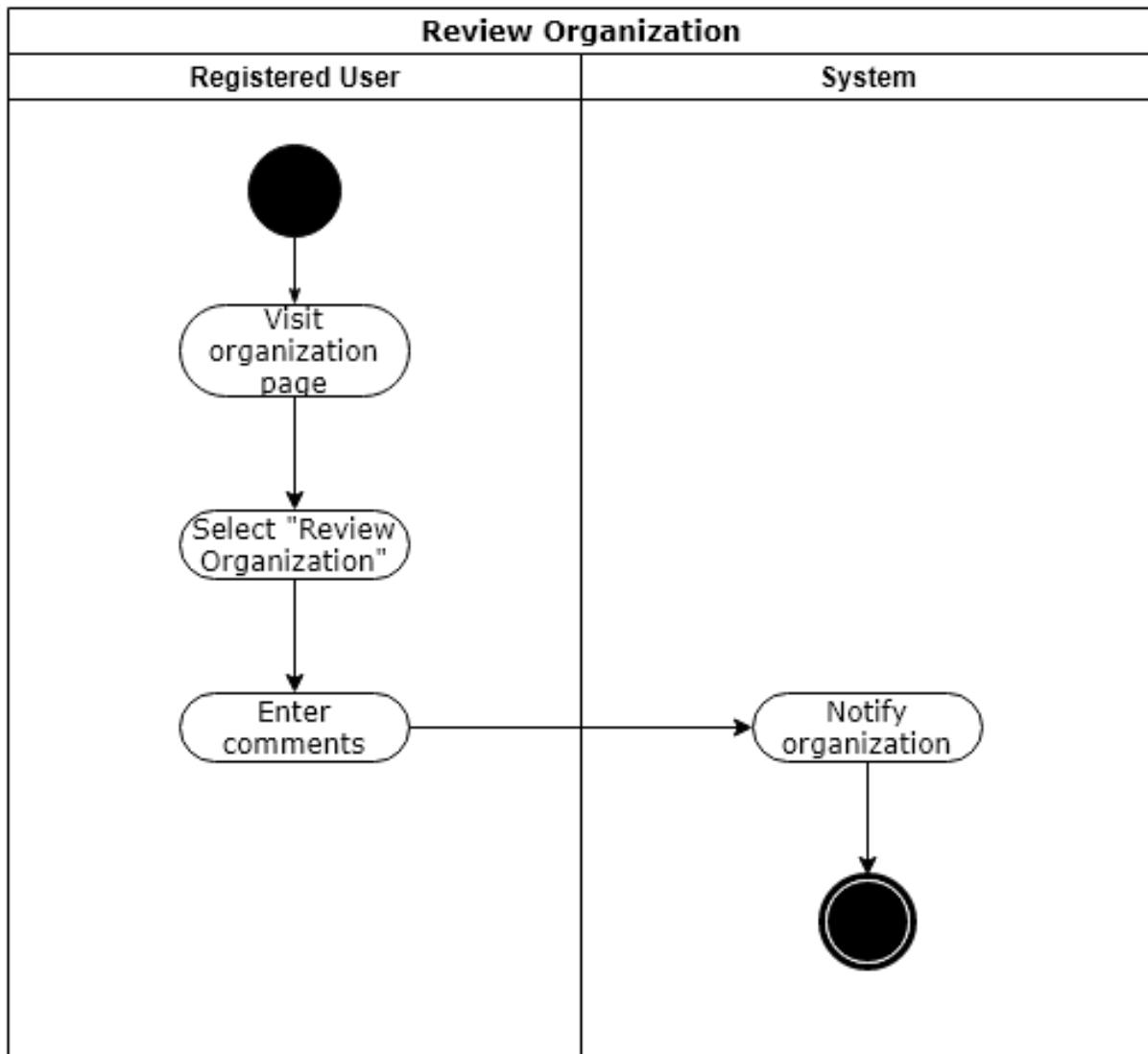


Figure 20: Activity Diagram - Review organizations

Use Case 13 - Consult doctor

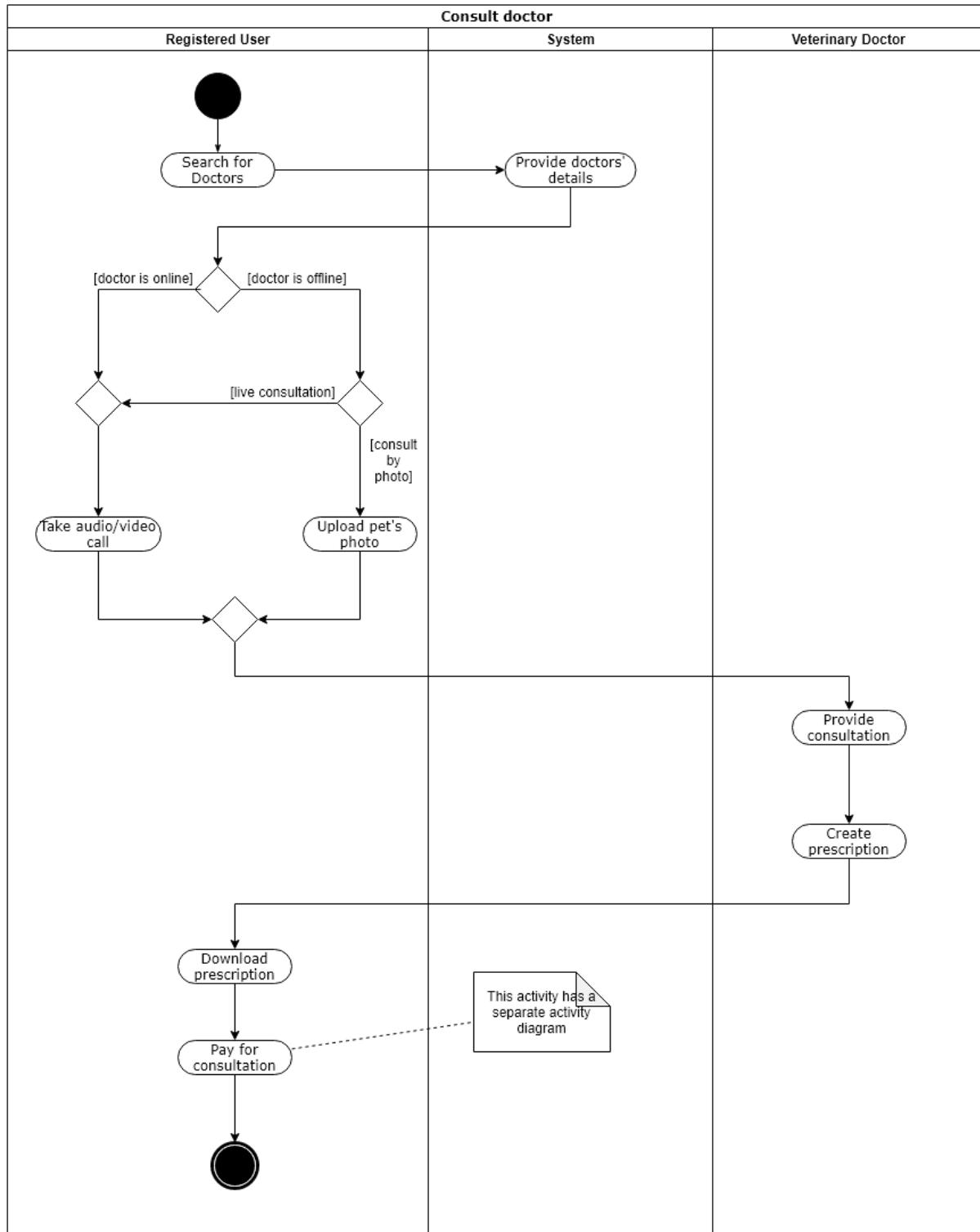


Figure 21: Activity Diagram - Consult doctor

Use Case 14 - Pay for consultation

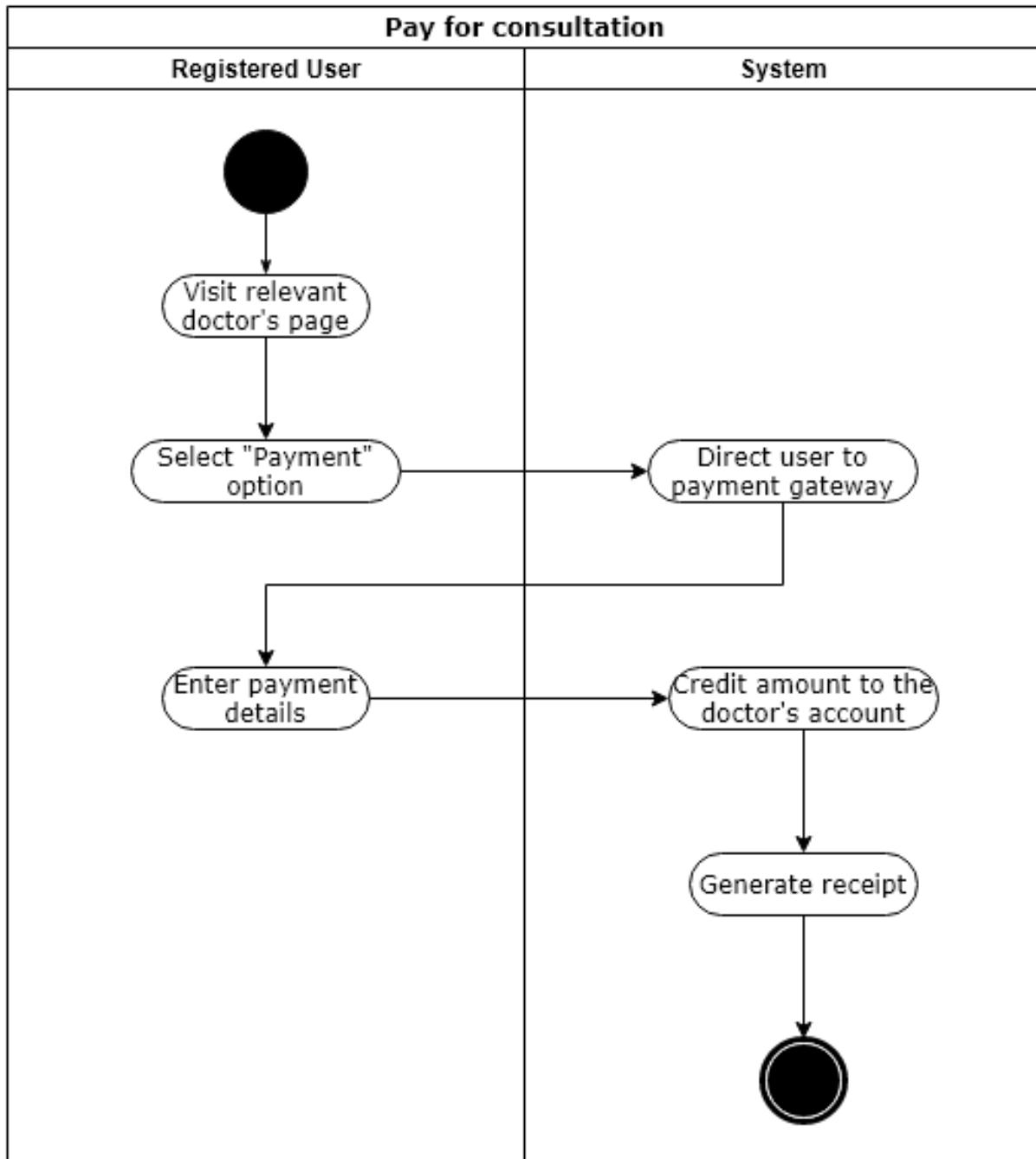


Figure 22: Activity Diagram - Pay for consultation

4.5.3 ORGANIZATION USER

Use Case 15 - Put new animals up for adoption

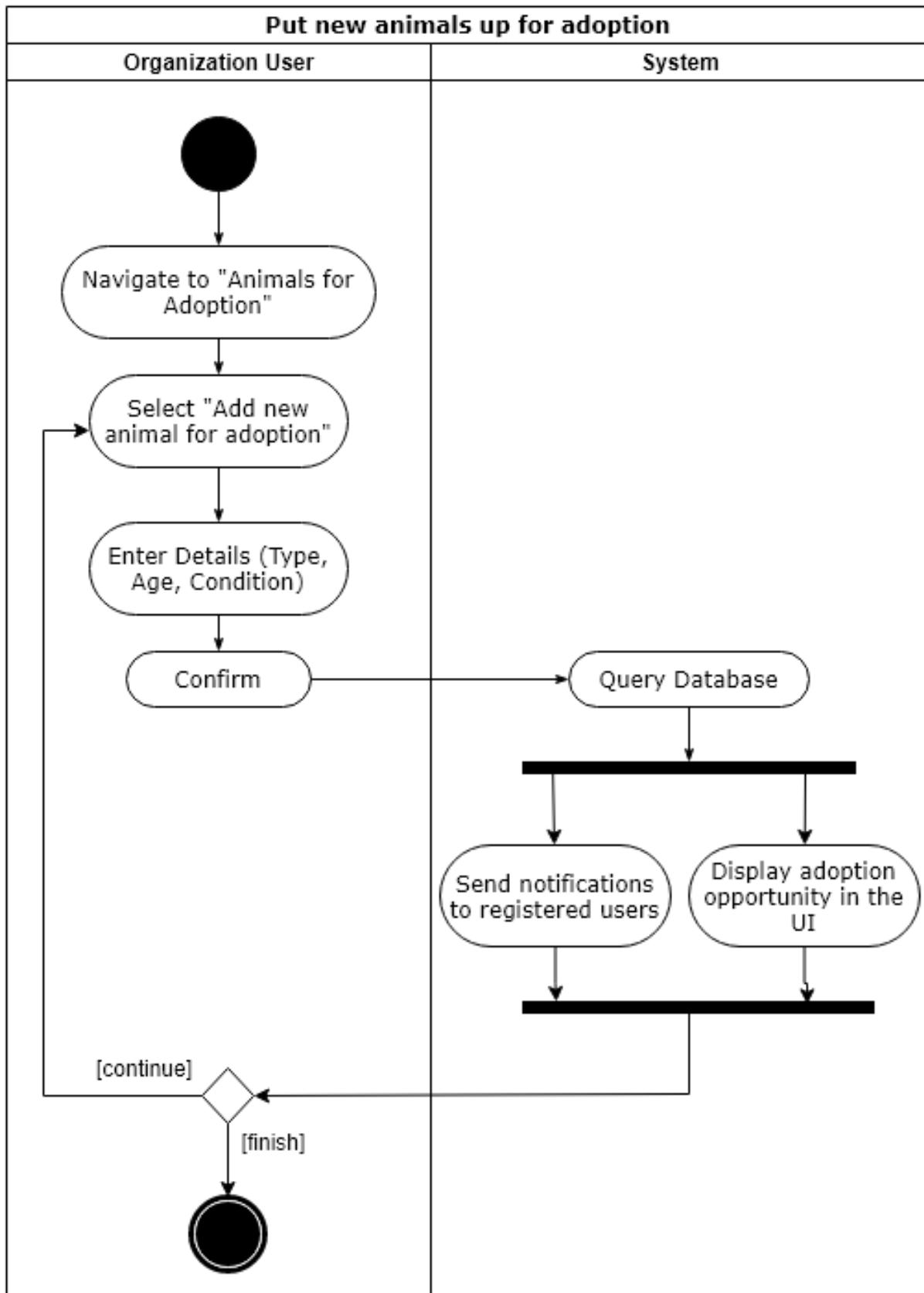


Figure 23: Activity Diagram - Put new animals up for adoption

Use Case 16 - Change Adoption Listing Settings

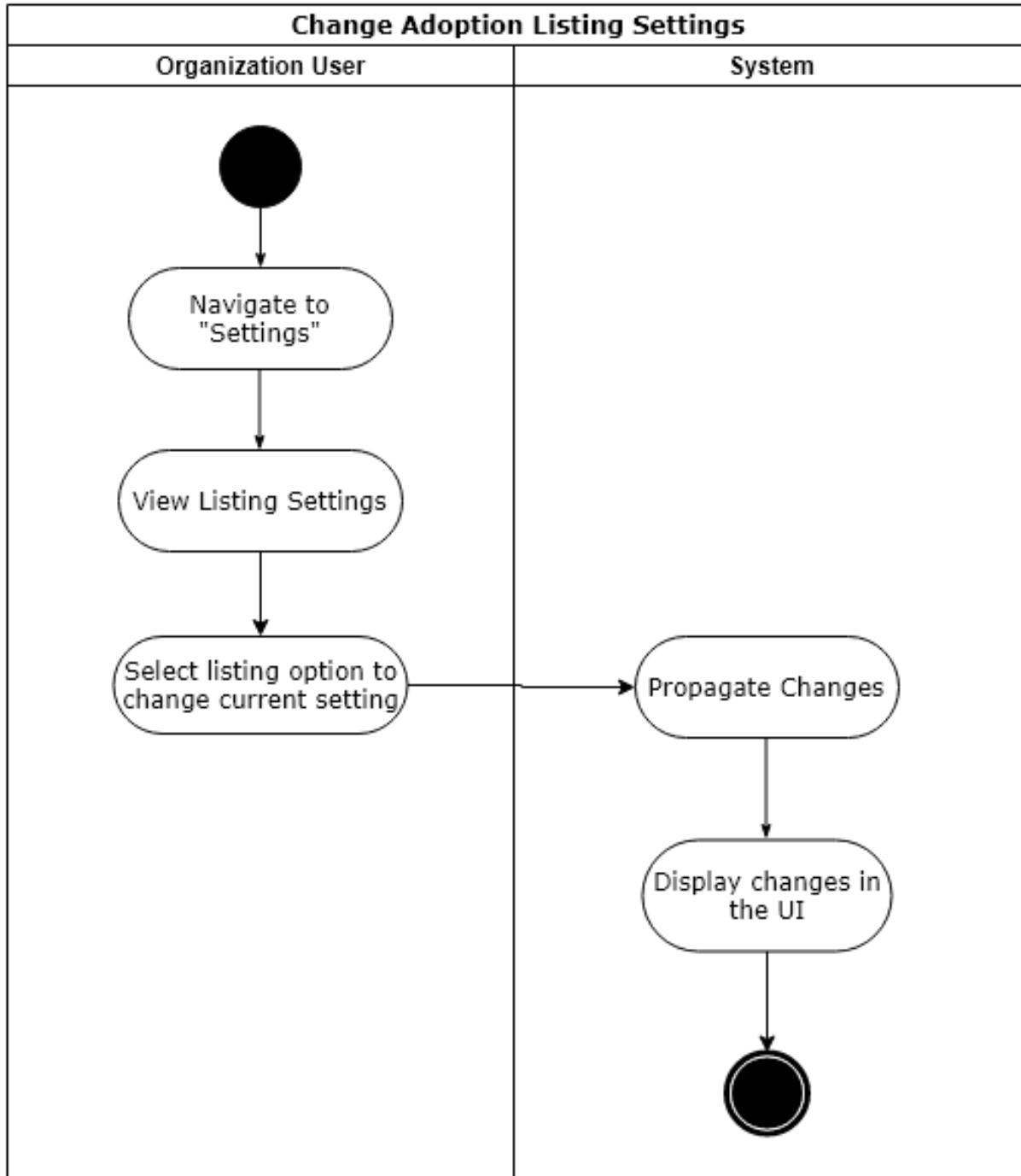


Figure 24: Activity Diagram - Change Adoption Listing Settings

Use Case 17 - Approve/ Reject Adoption Request

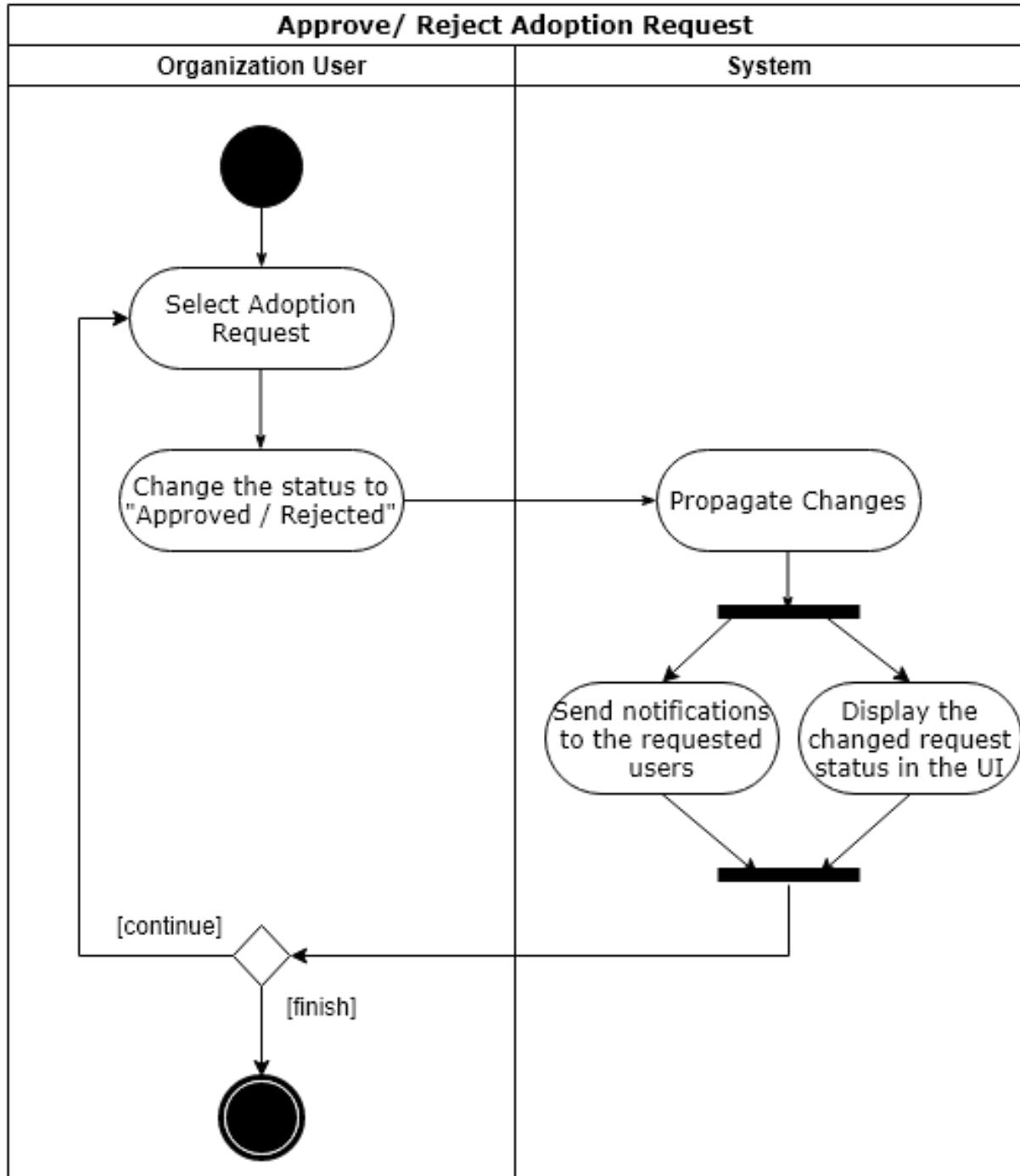


Figure 25: Activity Diagram - Approve/ Reject Adoption Request

Use Case 18 - Notify adopters about adoption requests

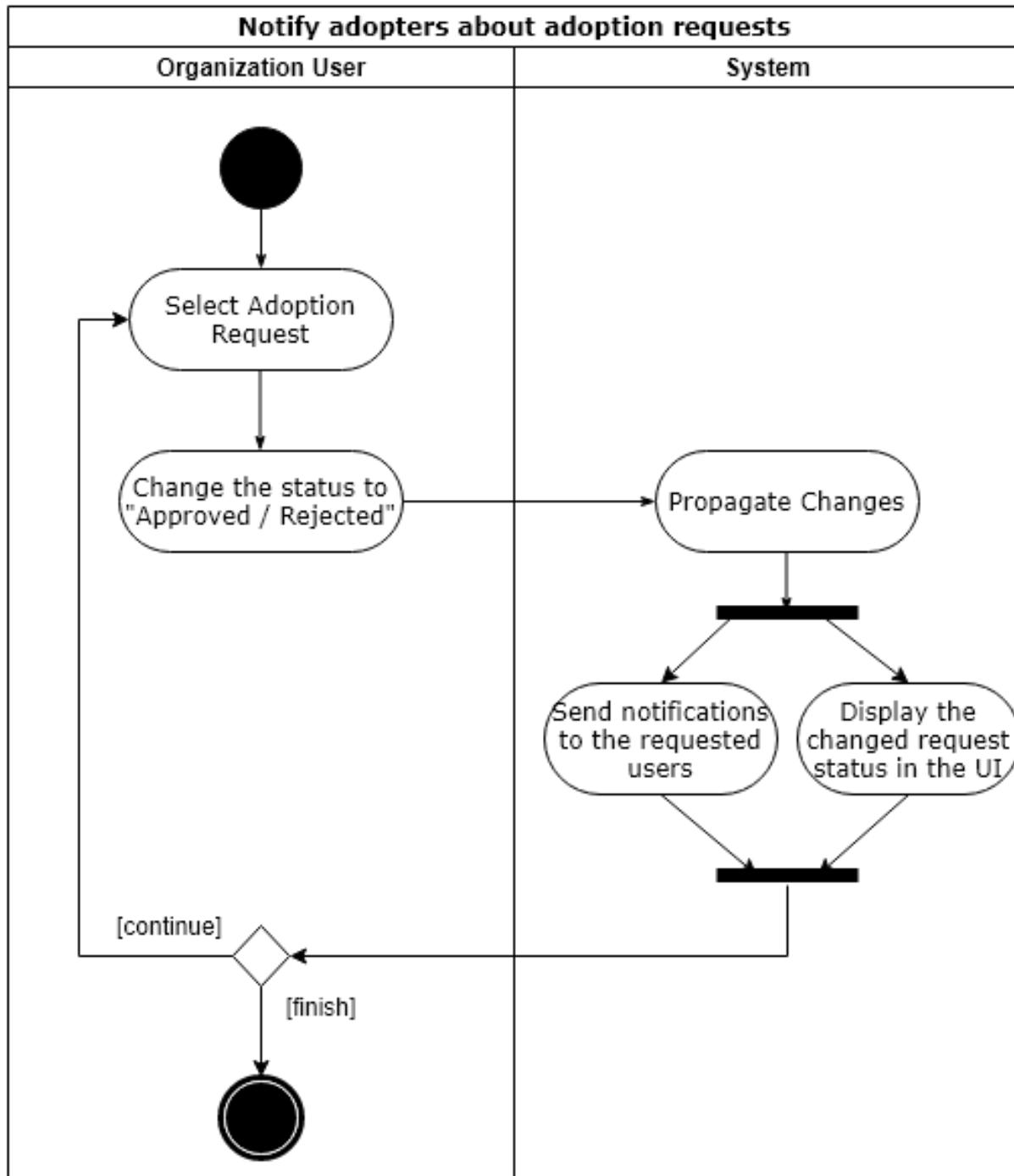


Figure 26: Activity Diagram - Notify adopters about adoption requests

Use Case 19 - Respond to reports of abandoned / injured animals

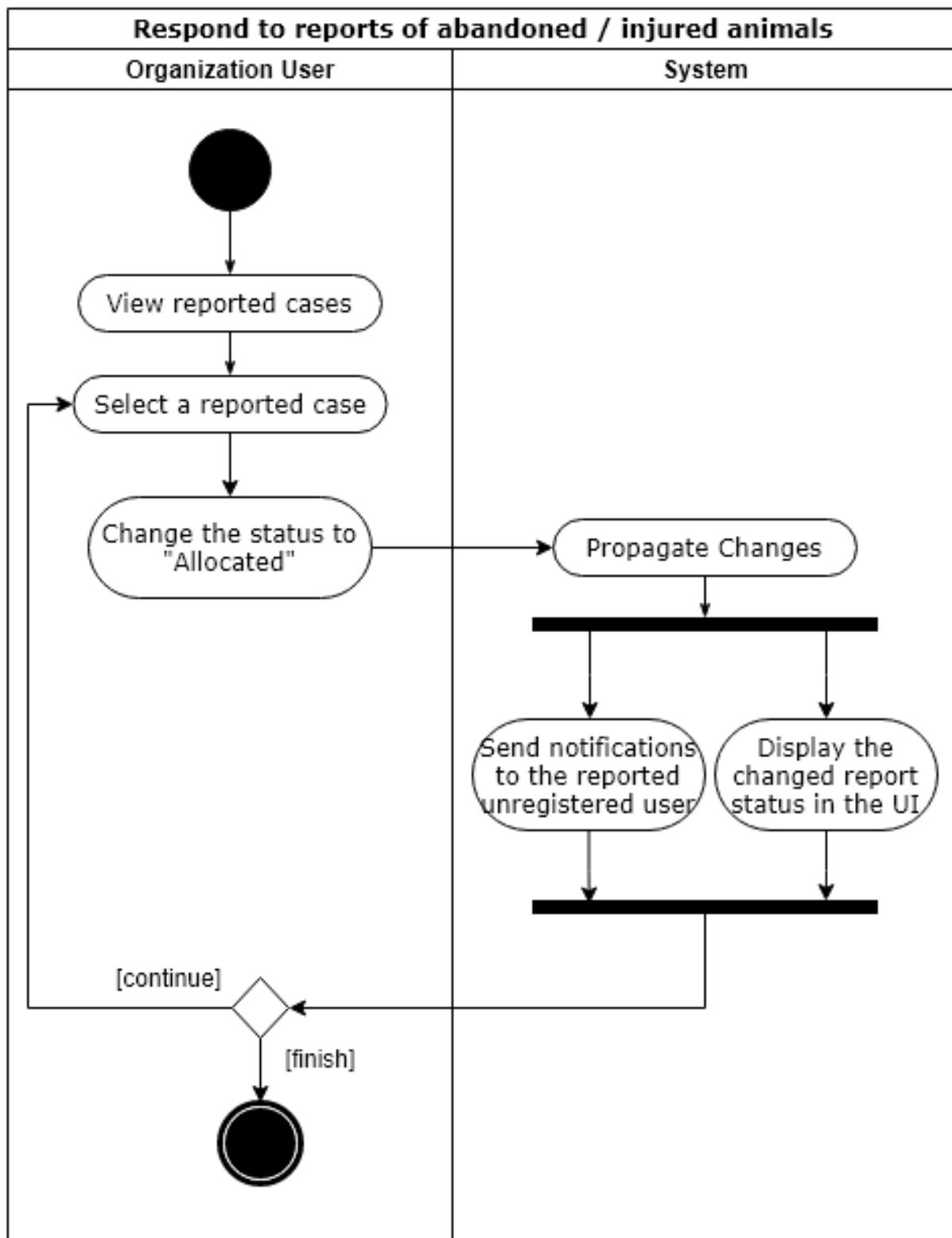


Figure 27: Activity Diagram - Respond to reports of abandoned / injured animals

Use Case 20 - Notify reporter on progress / action taken

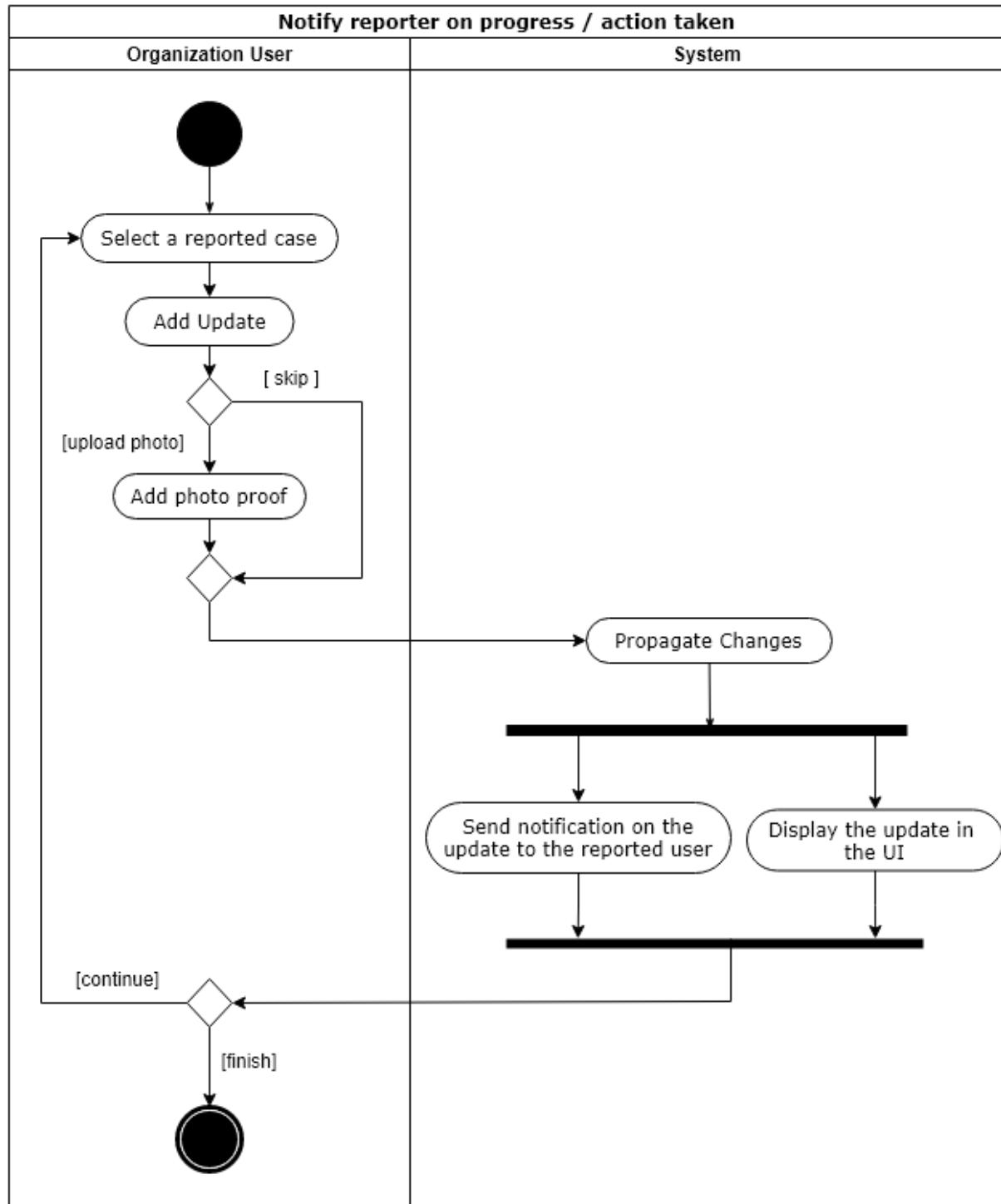


Figure 28: Activity Diagram - Notify reporter on progress / action taken

Use Case 21 - Post information about events the organization has done

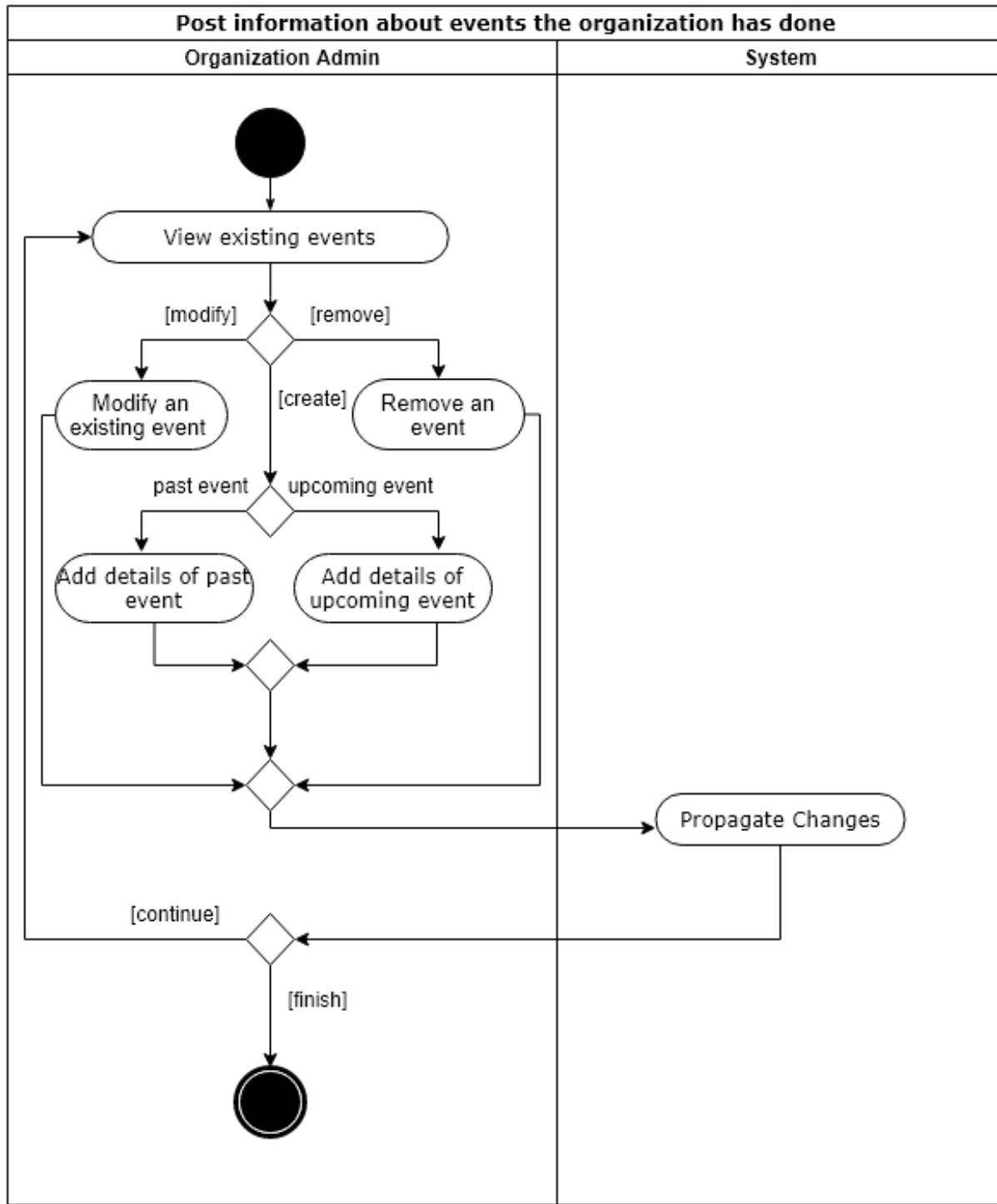


Figure 29: Activity Diagram - Post information about events the organization has done

4.5.4 ORGANIZATION ADMIN

Use Case 22 - Respond to reviews / complaints about the organization

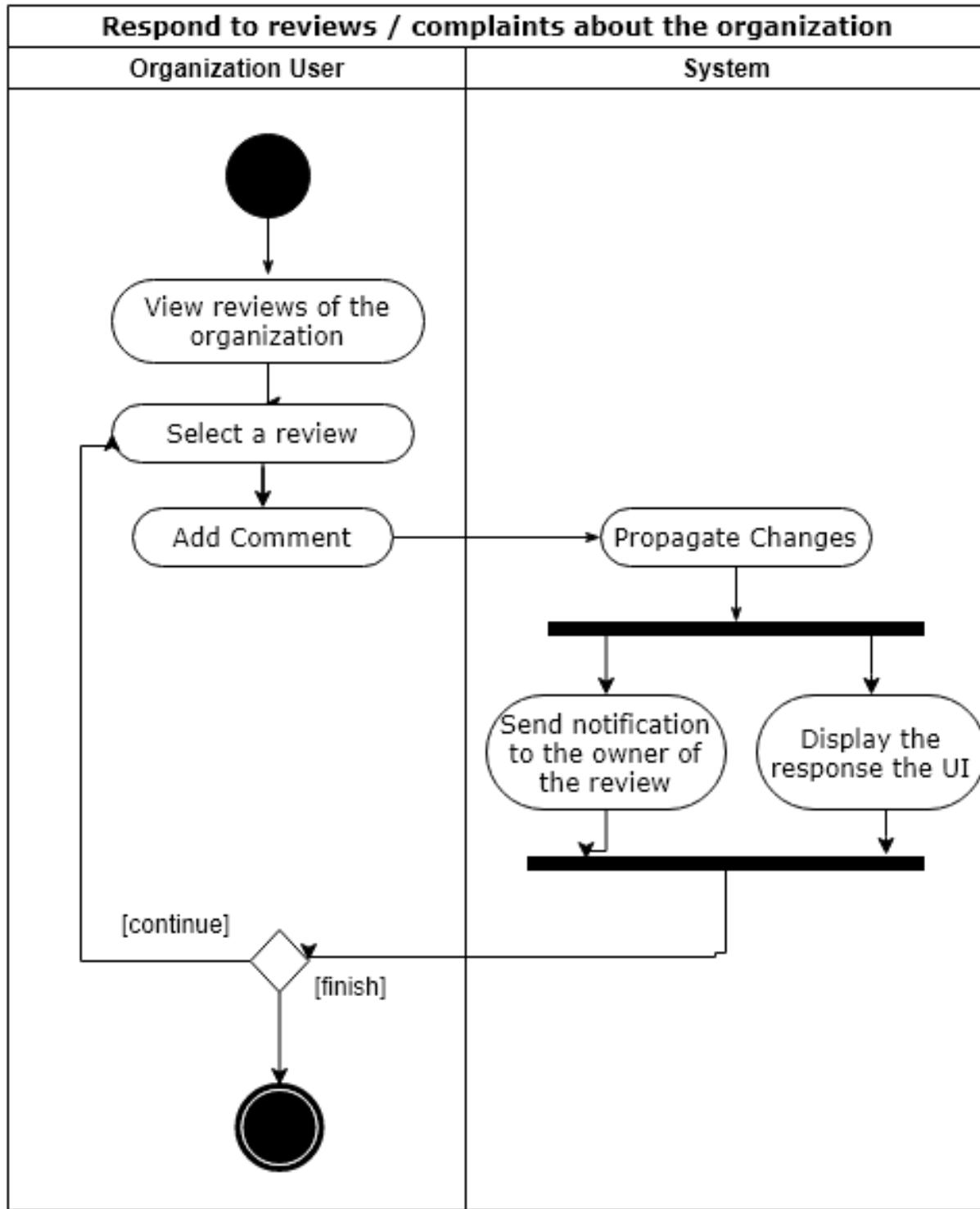


Figure 30: Activity Diagram - Respond to reviews / complaints about the organization

Use Case 23 - View merchandise items

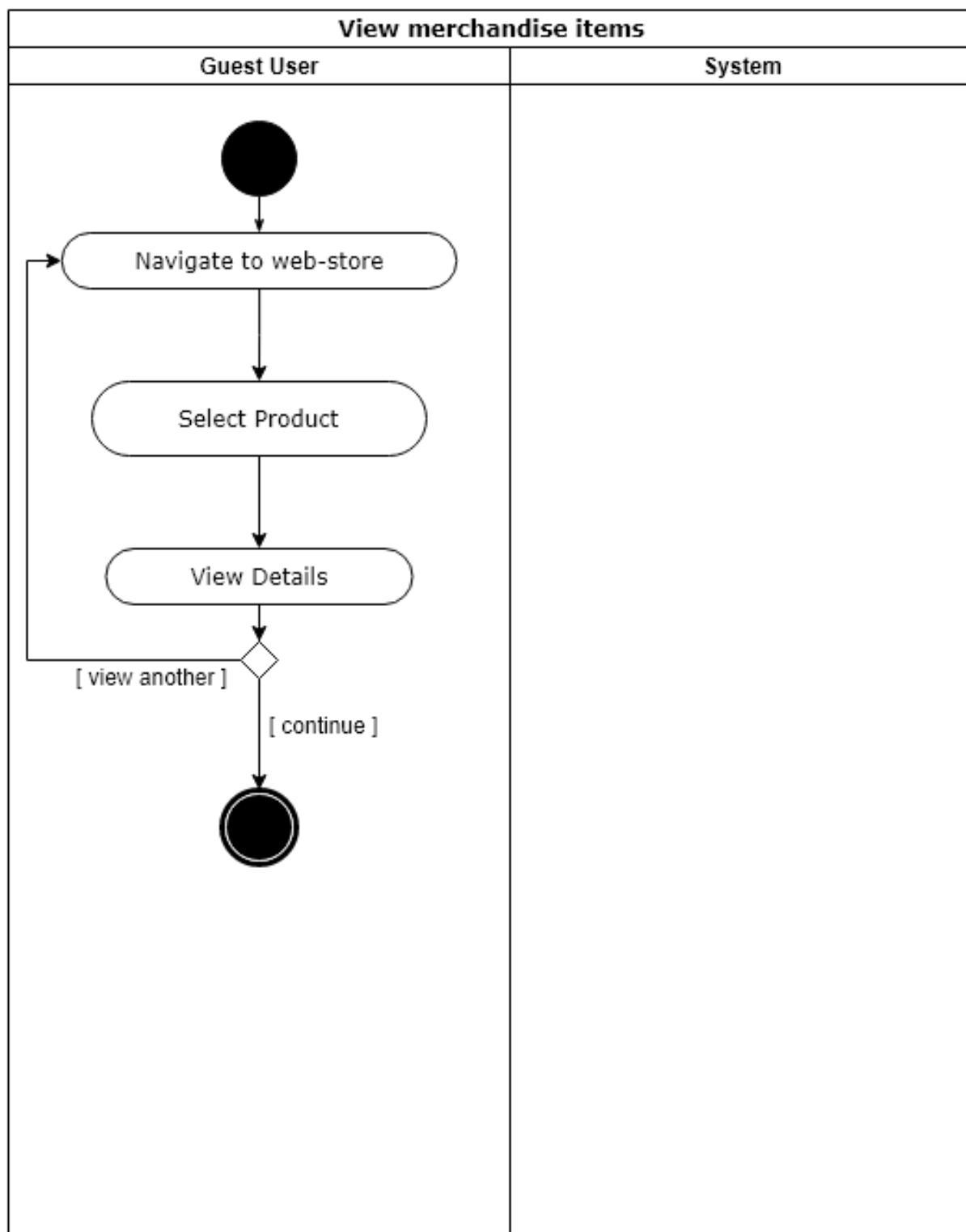


Figure 31: Activity Diagram - View merchandise items

Use Case 24 - Add / Remove Items for sale

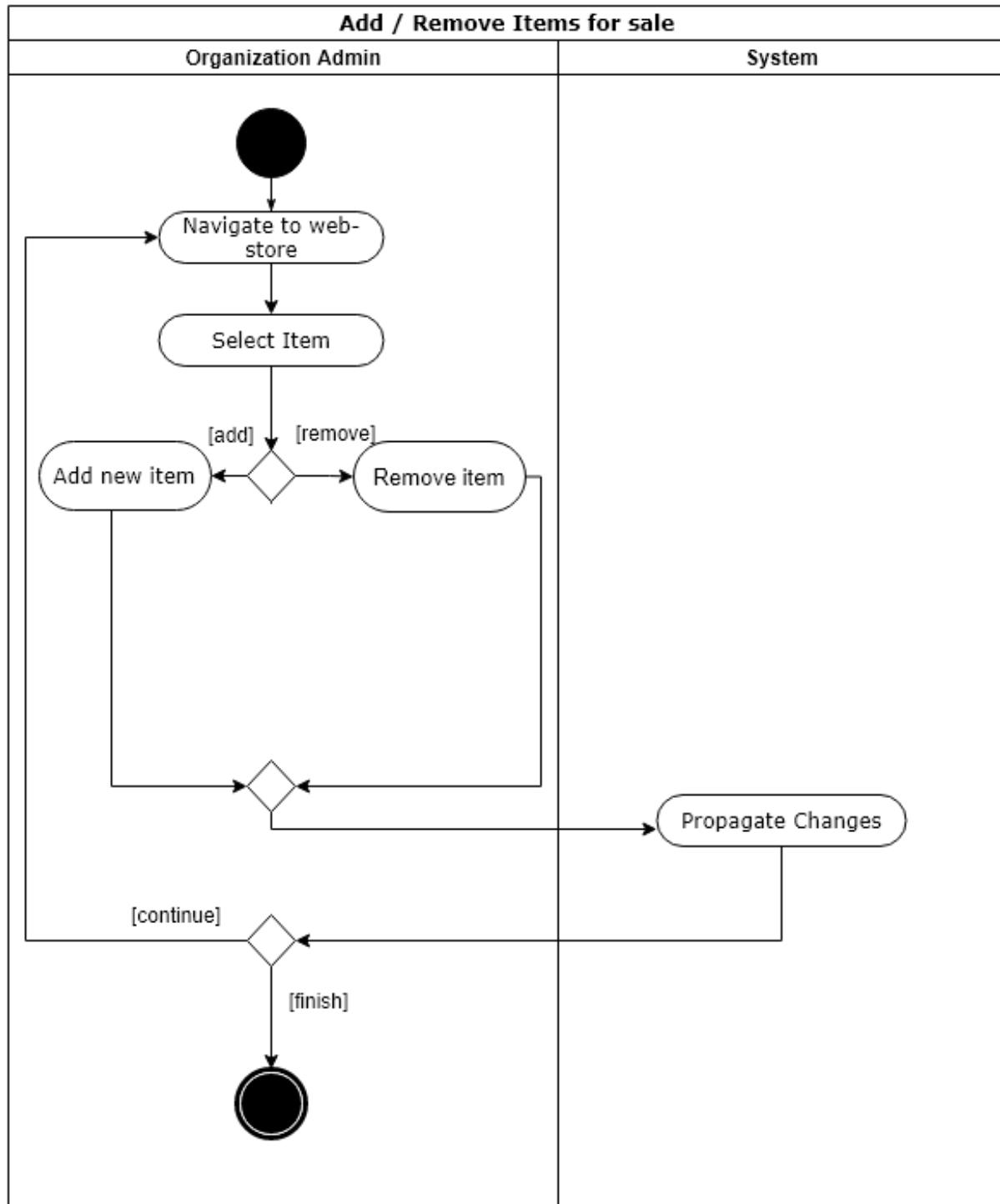


Figure 32: Activity Diagram - Add / Remove Items for sale

Use Case 25 - Update Items for sale

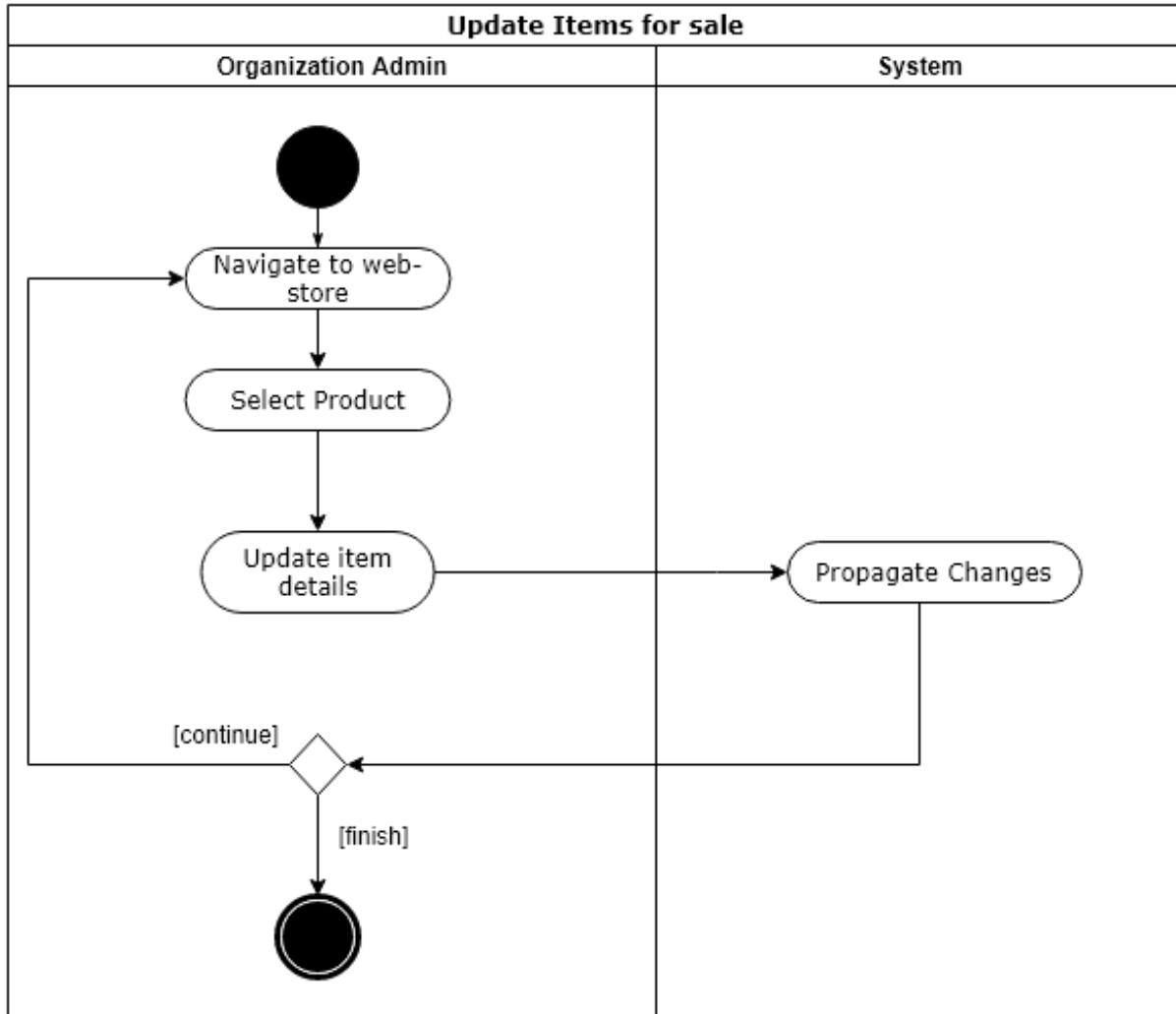


Figure 33: Activity Diagram - Update Items for sale

Use Case 26 - Handle merchandise purchase orders

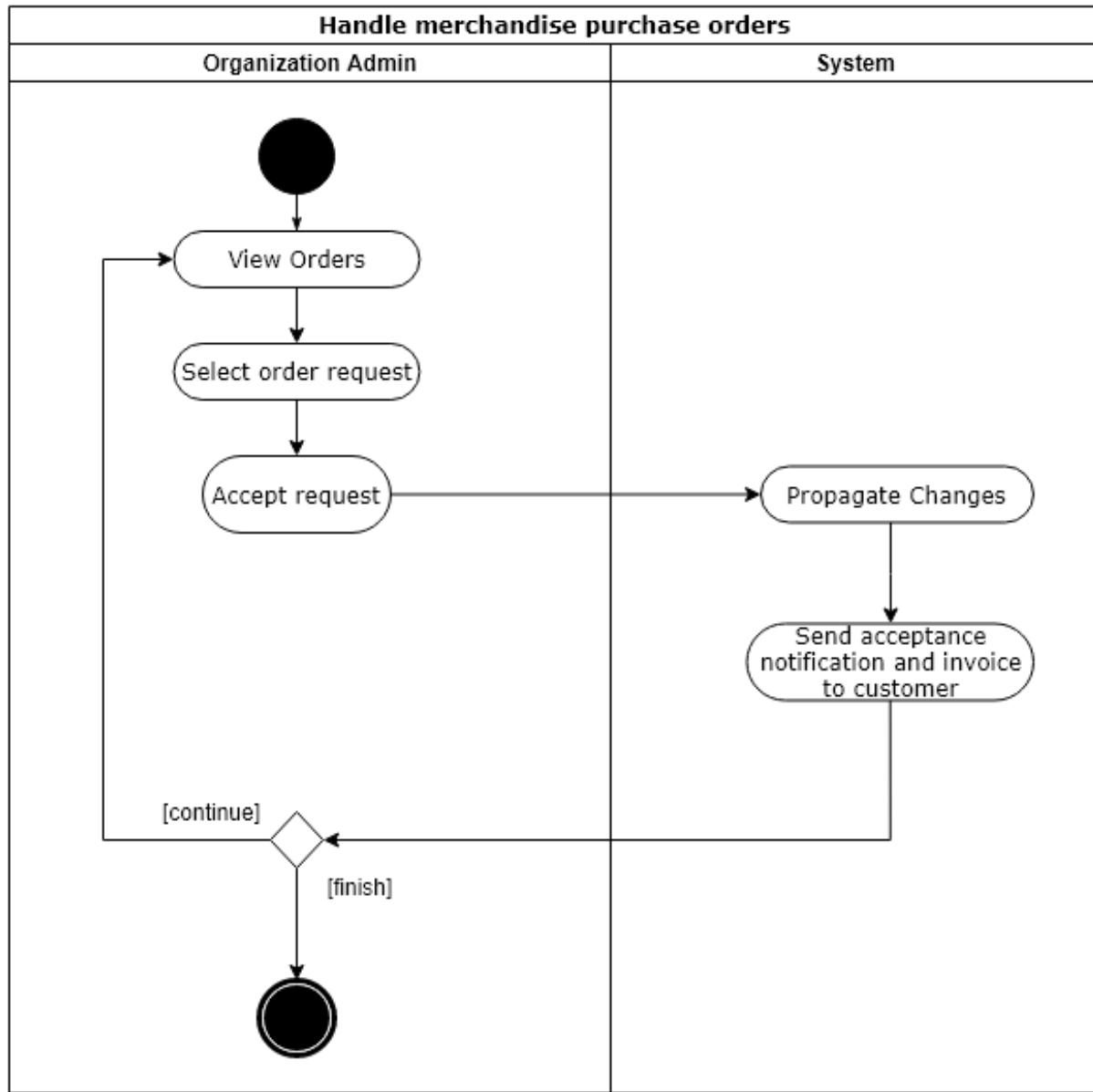


Figure 34: Activity Diagram - Handle merchandise purchase orders

Use Case 27 - Maintain Sponsorship Tiers

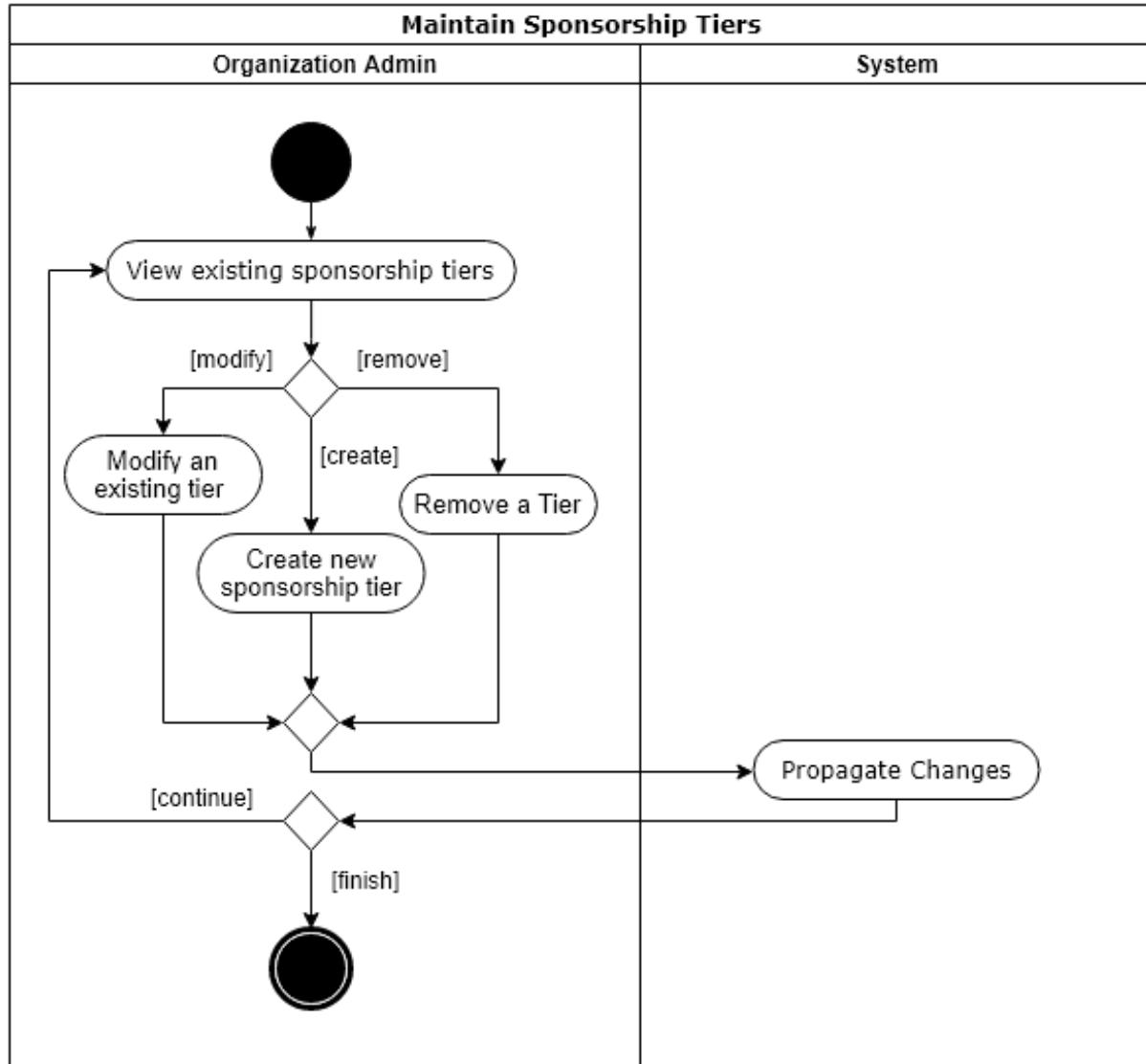


Figure 35: Activity Diagram - Maintain Sponsorship Tiers

Use Case 28 - View Active Sponsorships

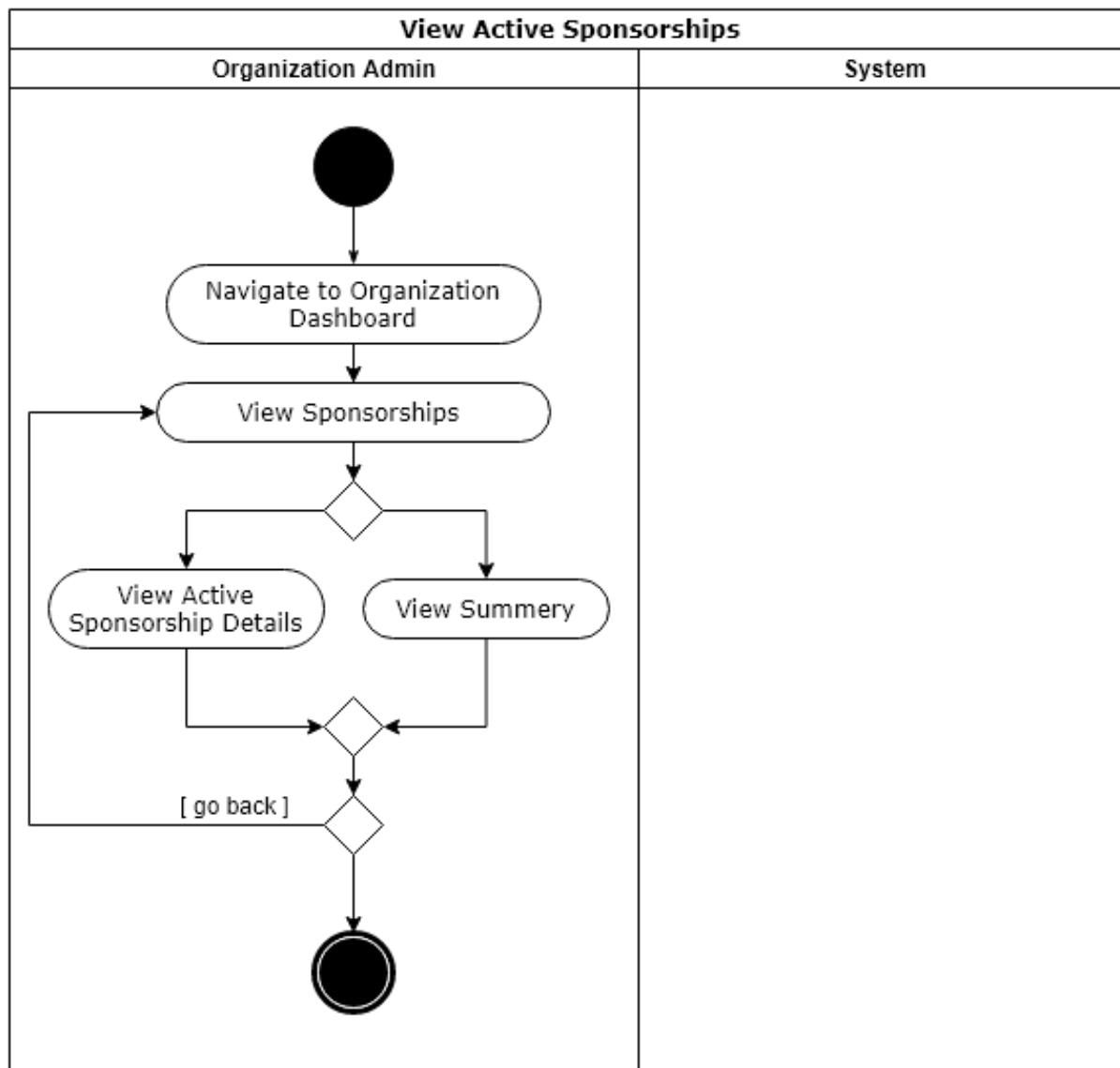


Figure 36: Activity Diagram - View Active Sponsorships

Use Case 29 - View payments and donations received

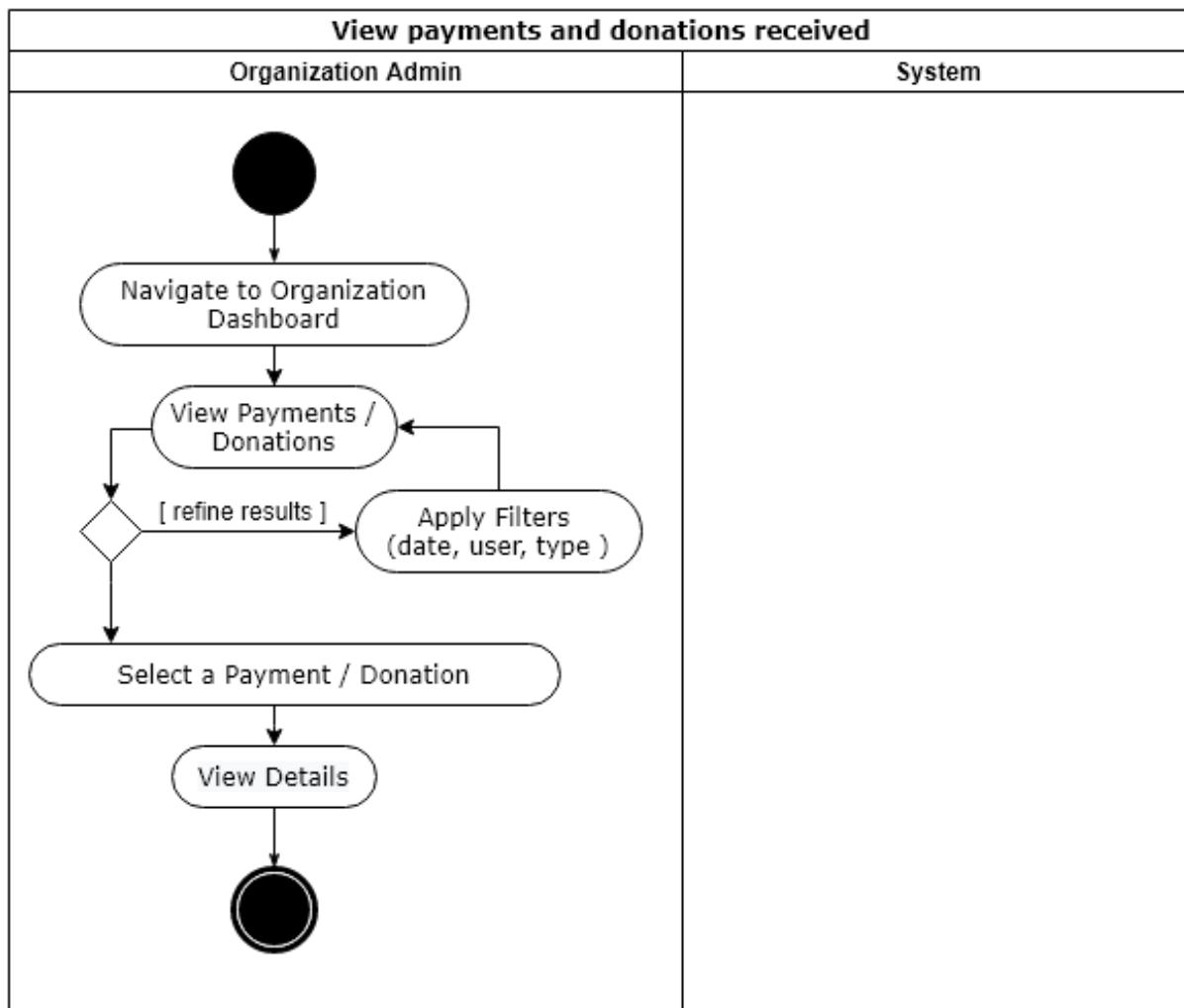


Figure 37: Activity Diagram - View payments and donations received

Use Case 30 - Refund Payment

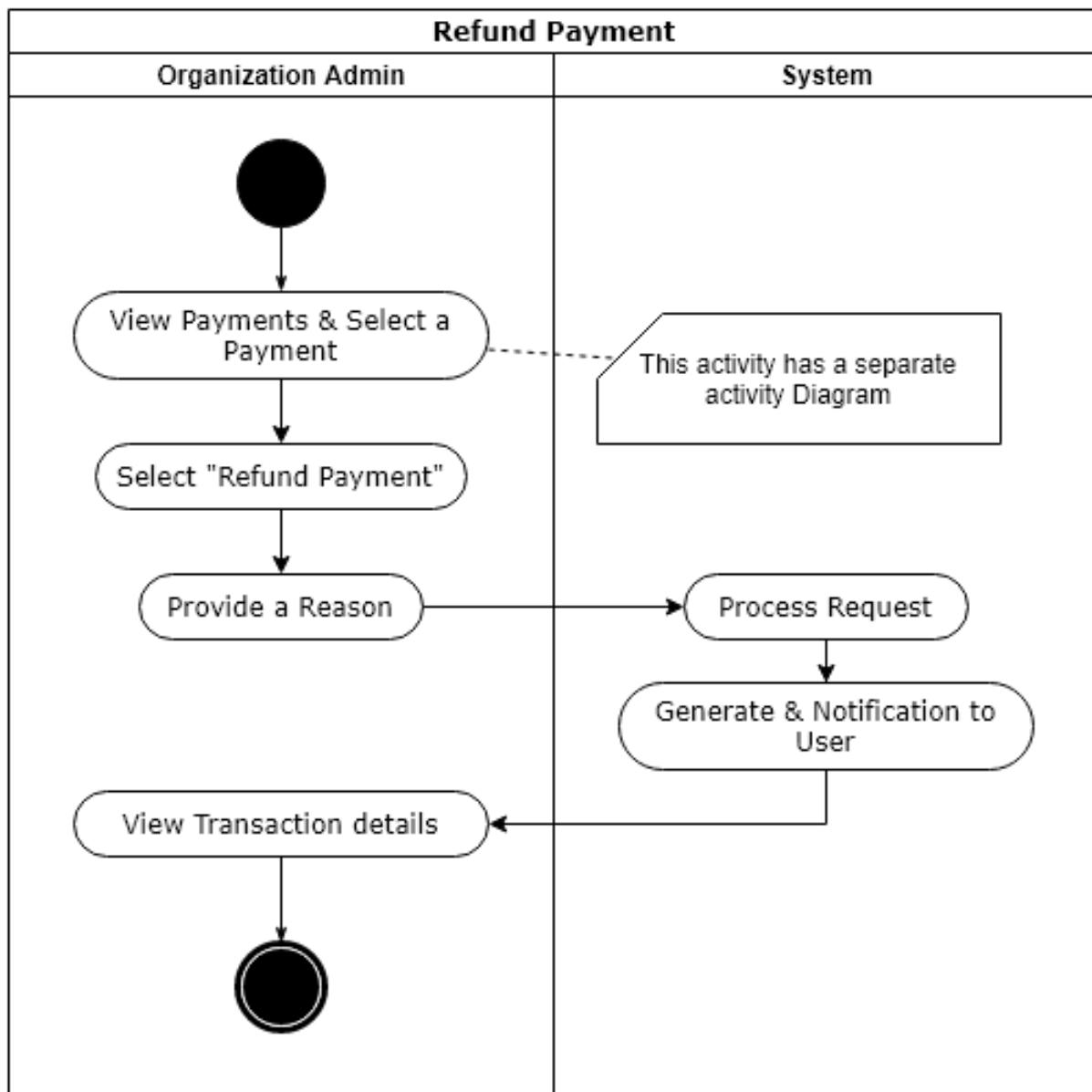


Figure 38: Activity Diagram - Refund Payment

Use Case 31 - Maintain Vital Organization Information

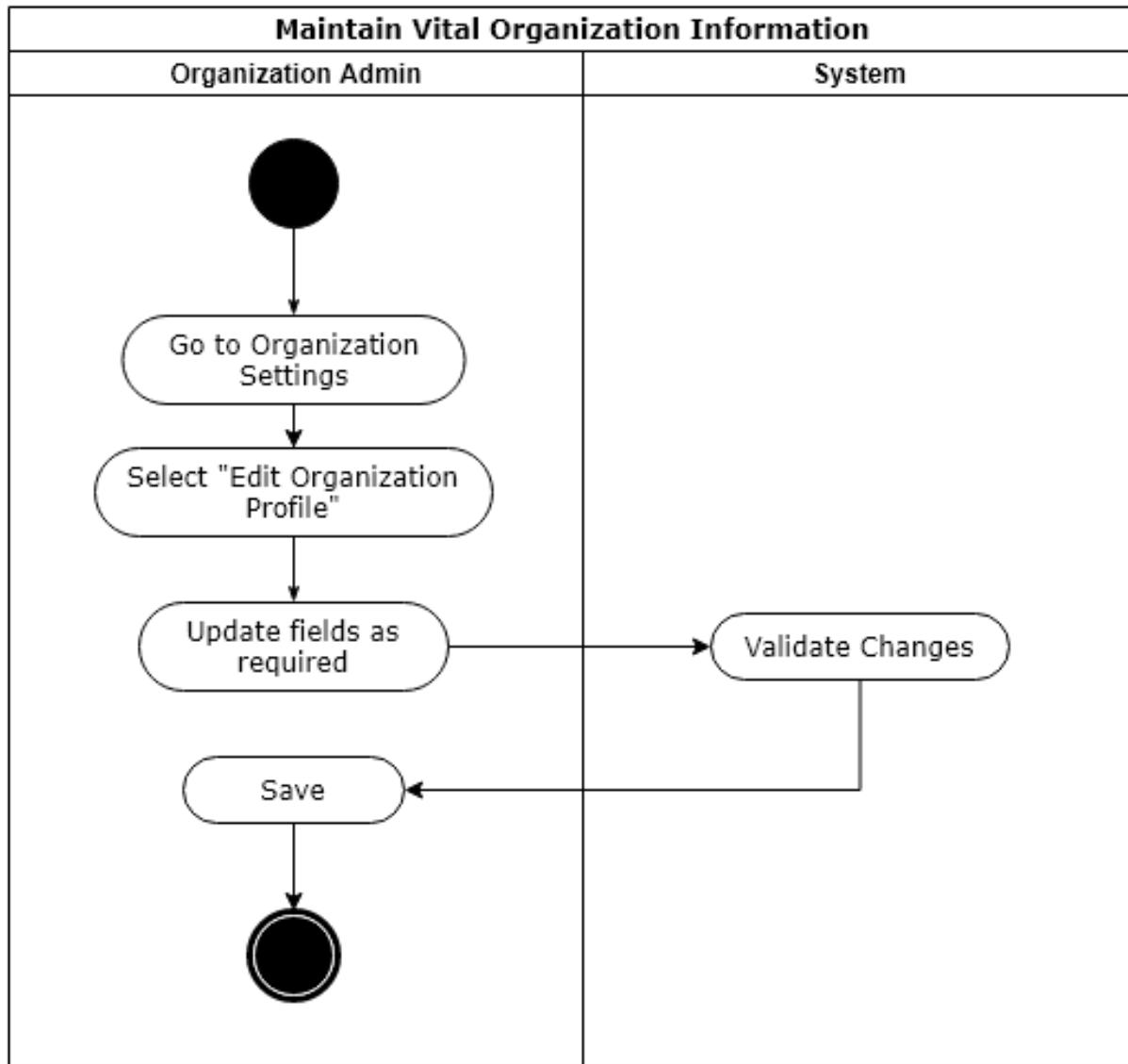


Figure 39: Activity Diagram - Maintain Vital Organization Information

Use Case 45 - View users of an organization

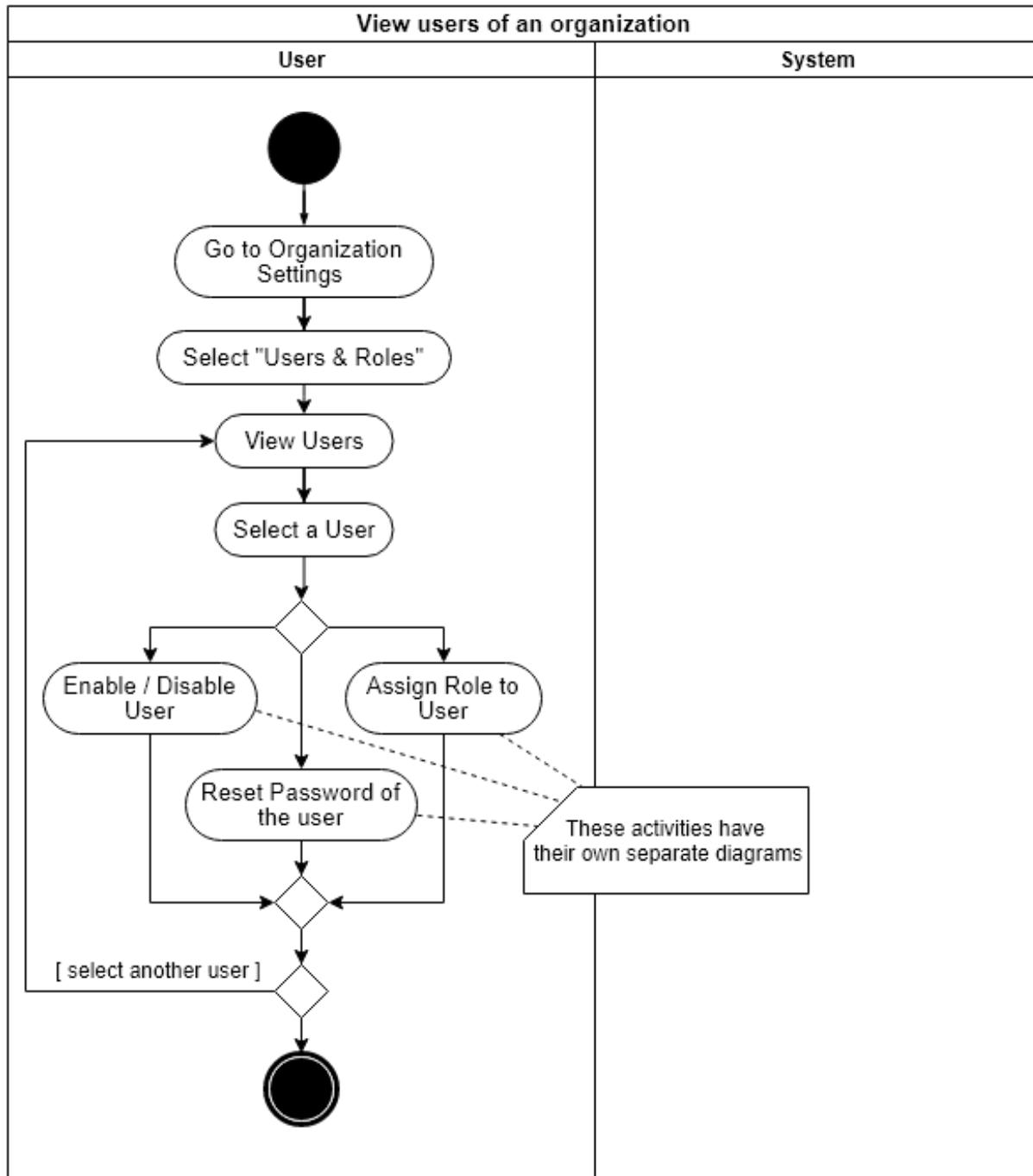


Figure 40: Activity Diagram - View users of an organization

Use Case 46 - Create an Organization User

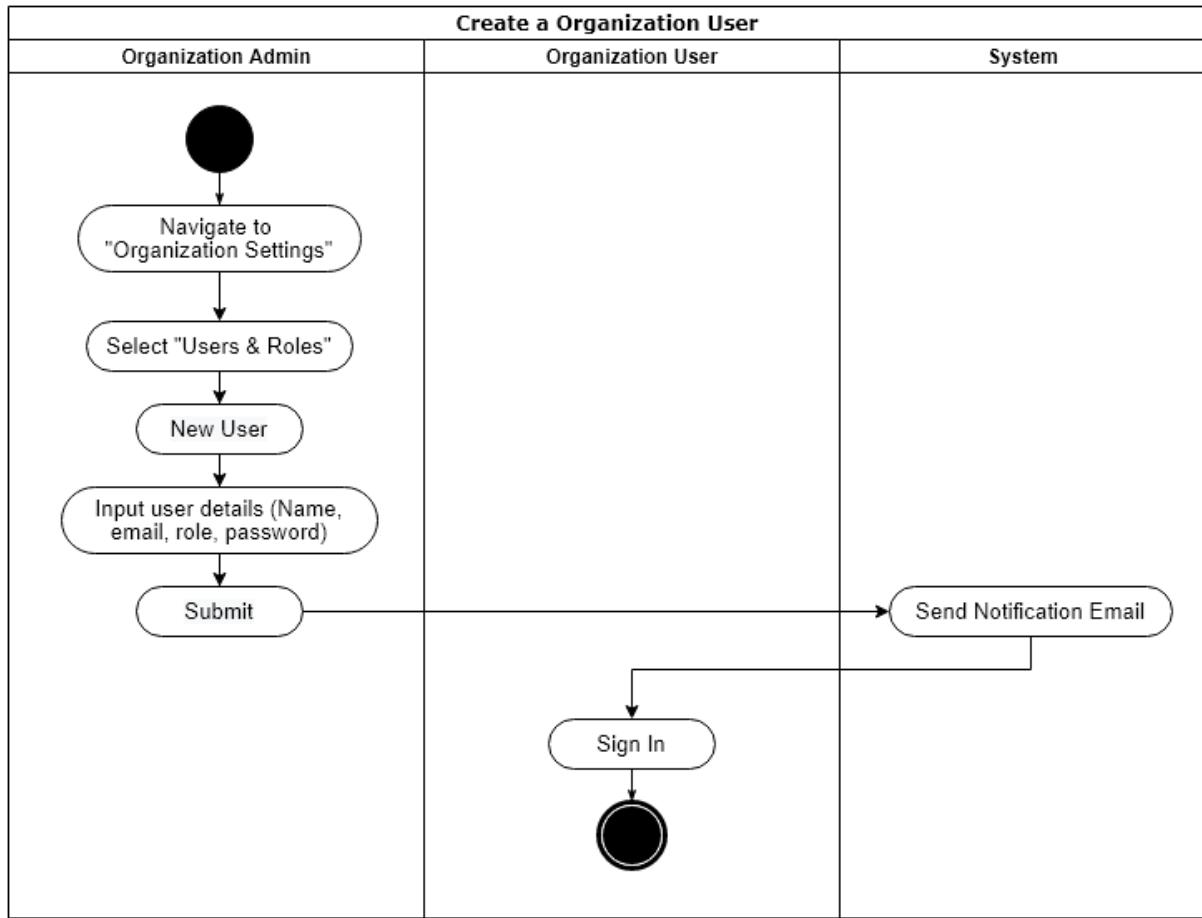


Figure 41: Activity Diagram - Create an Organization User

Use Case 47 - Disable / Enable User

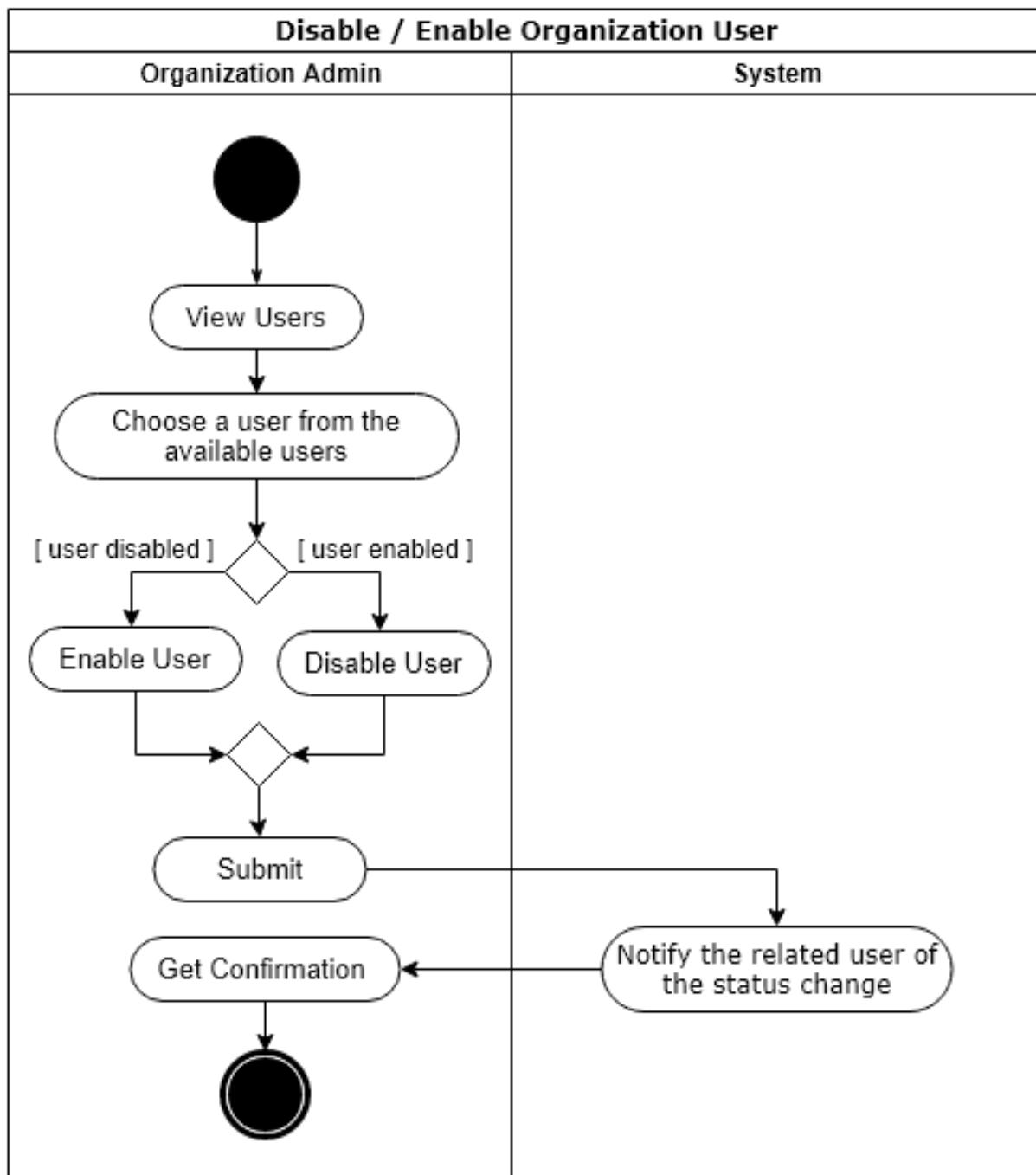


Figure 42: Activity Diagram - Disable / Enable User

Use Case 48 - Assign Roles to Users

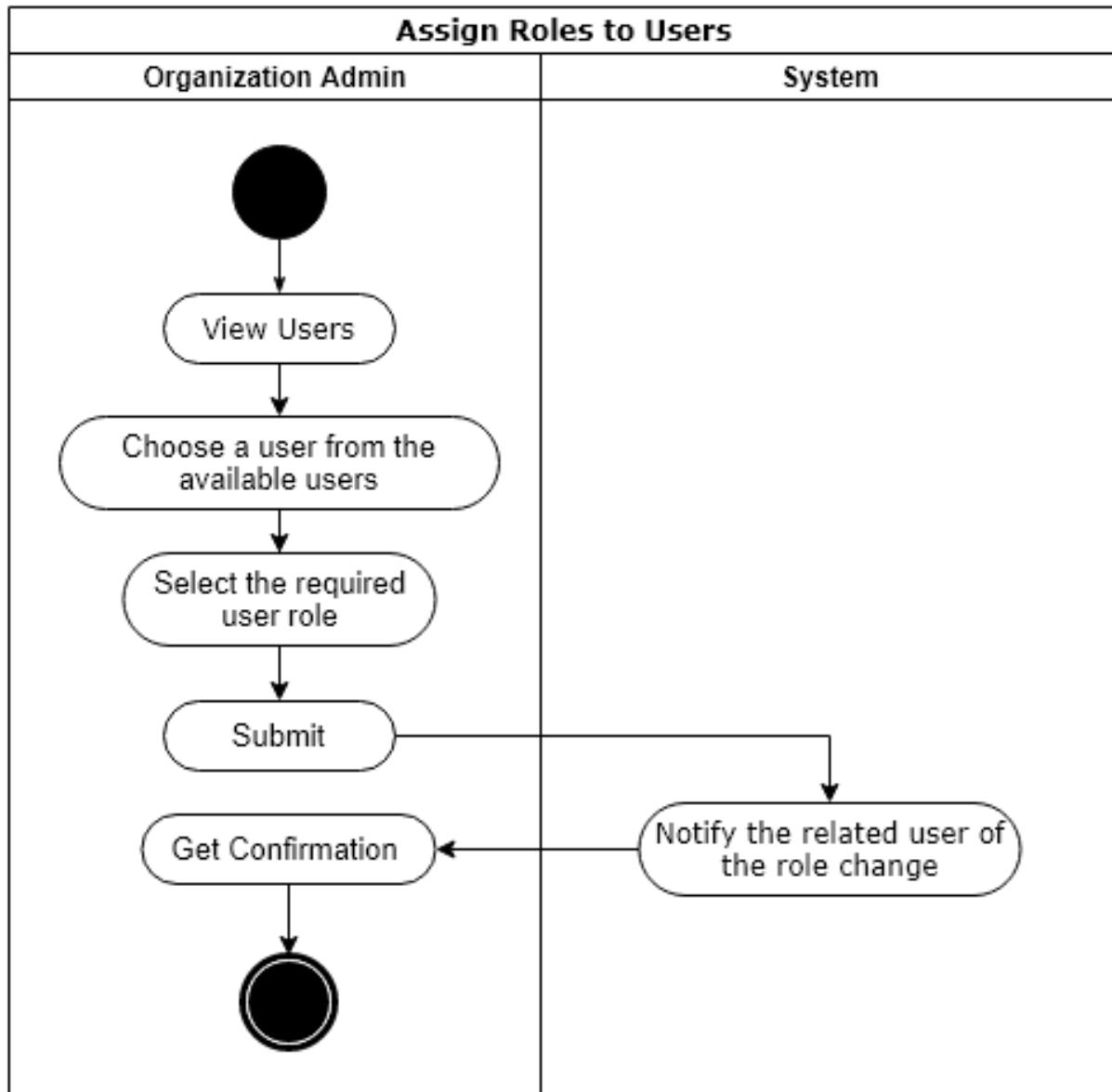


Figure 43: Activity Diagram - Assign Roles to Users

Use Case 49 - Reset Password of Organization User

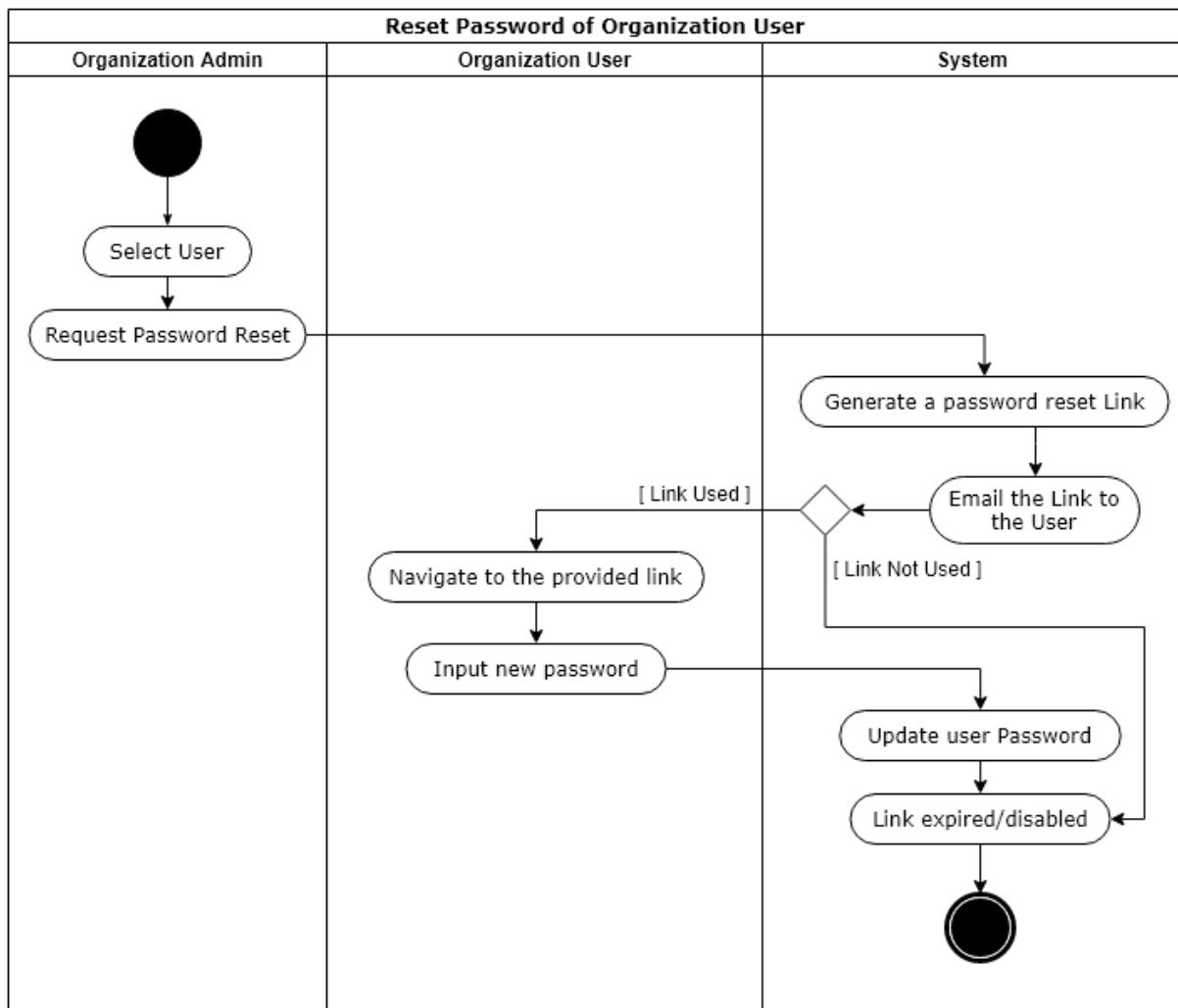


Figure 44: Activity Diagram - Reset Password of Organization User

4.5.5 VETERINARY DOCTOR

Use Case 32 - Provide Medical Advice

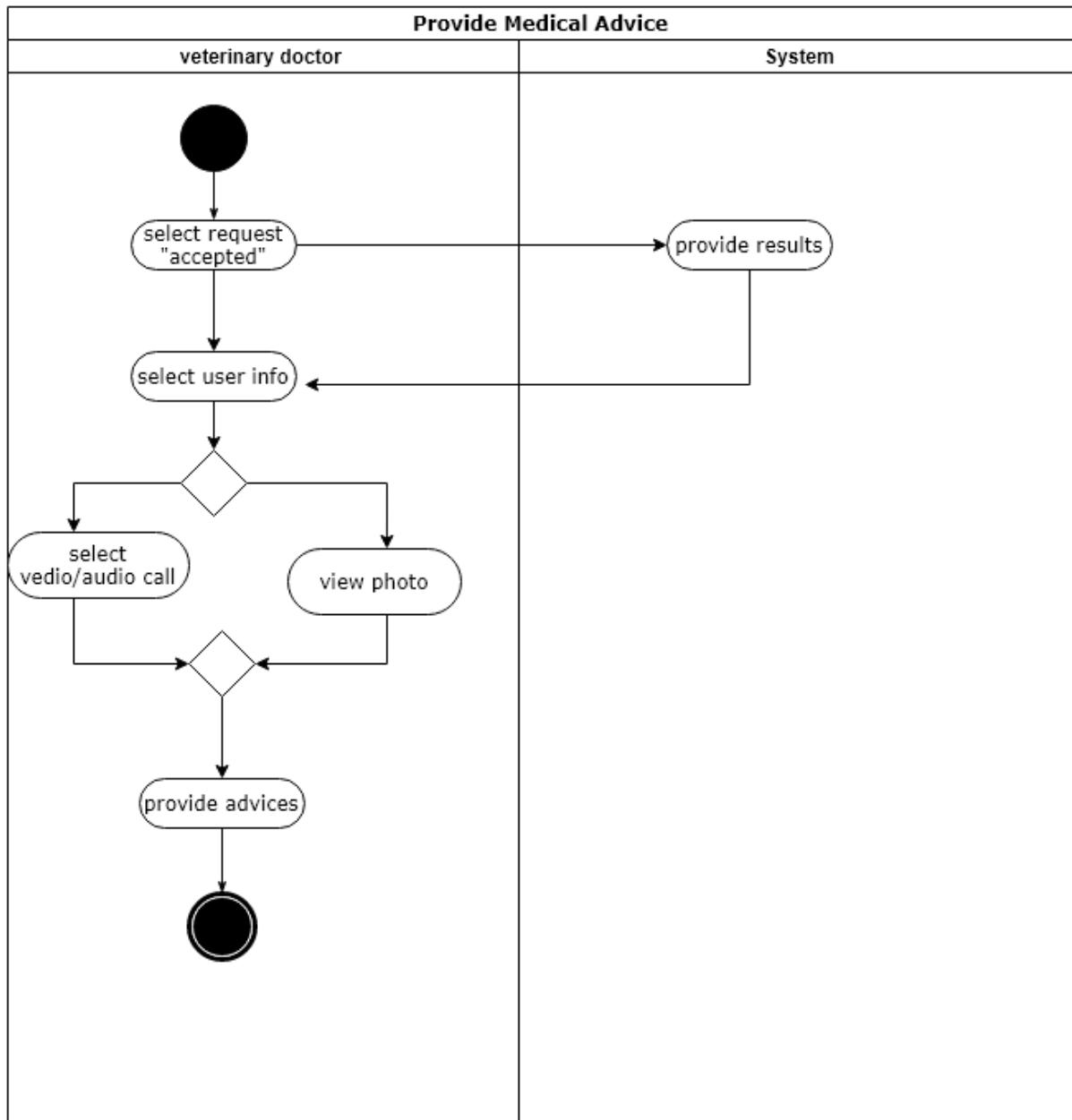


Figure 45: Activity Diagram - Provide Medical Advice

Use Case 33 - View photo uploads of animals

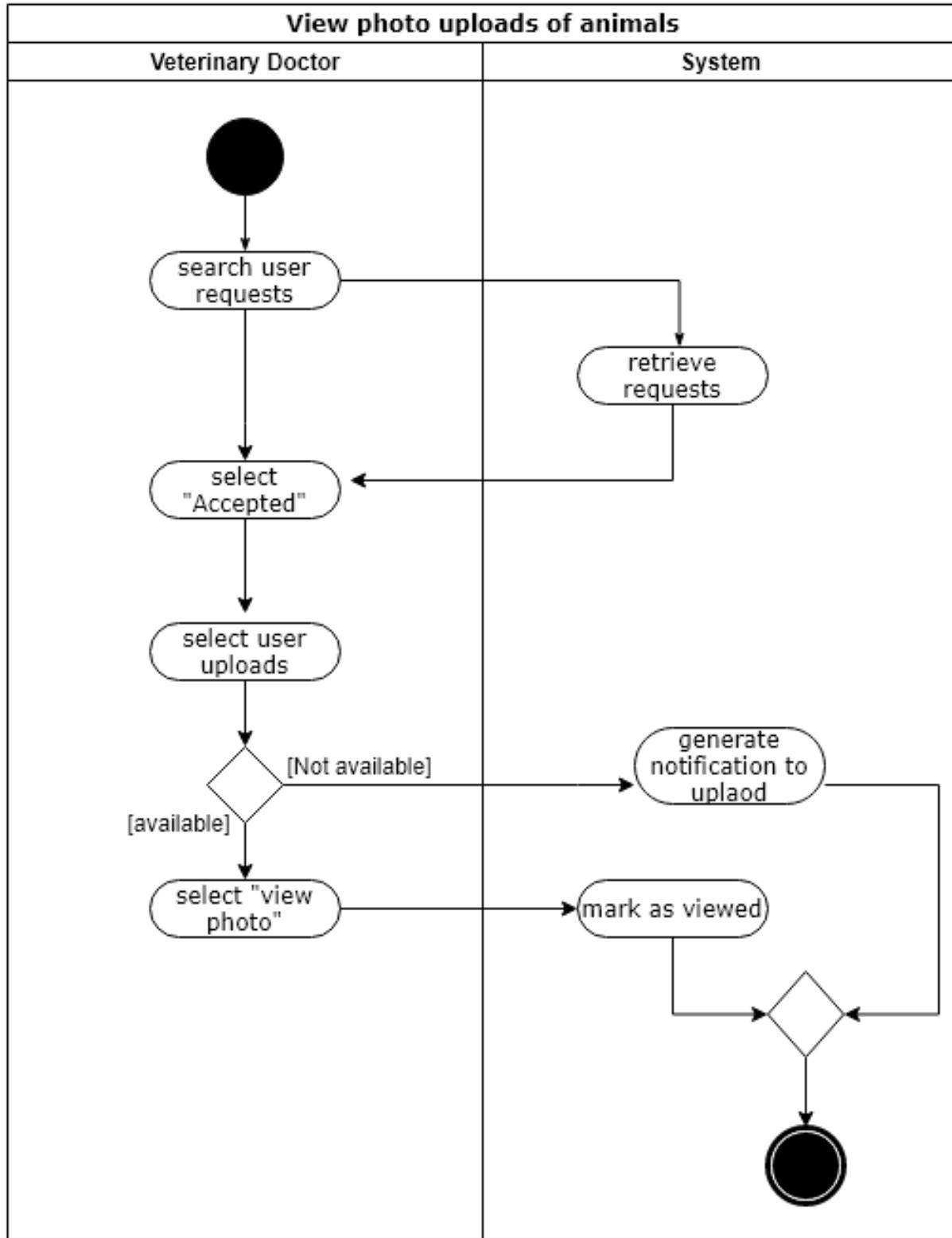


Figure 46: Activity Diagram - View photo uploads of animals

Use Case 34 - Accept / Deny Consultation Requests

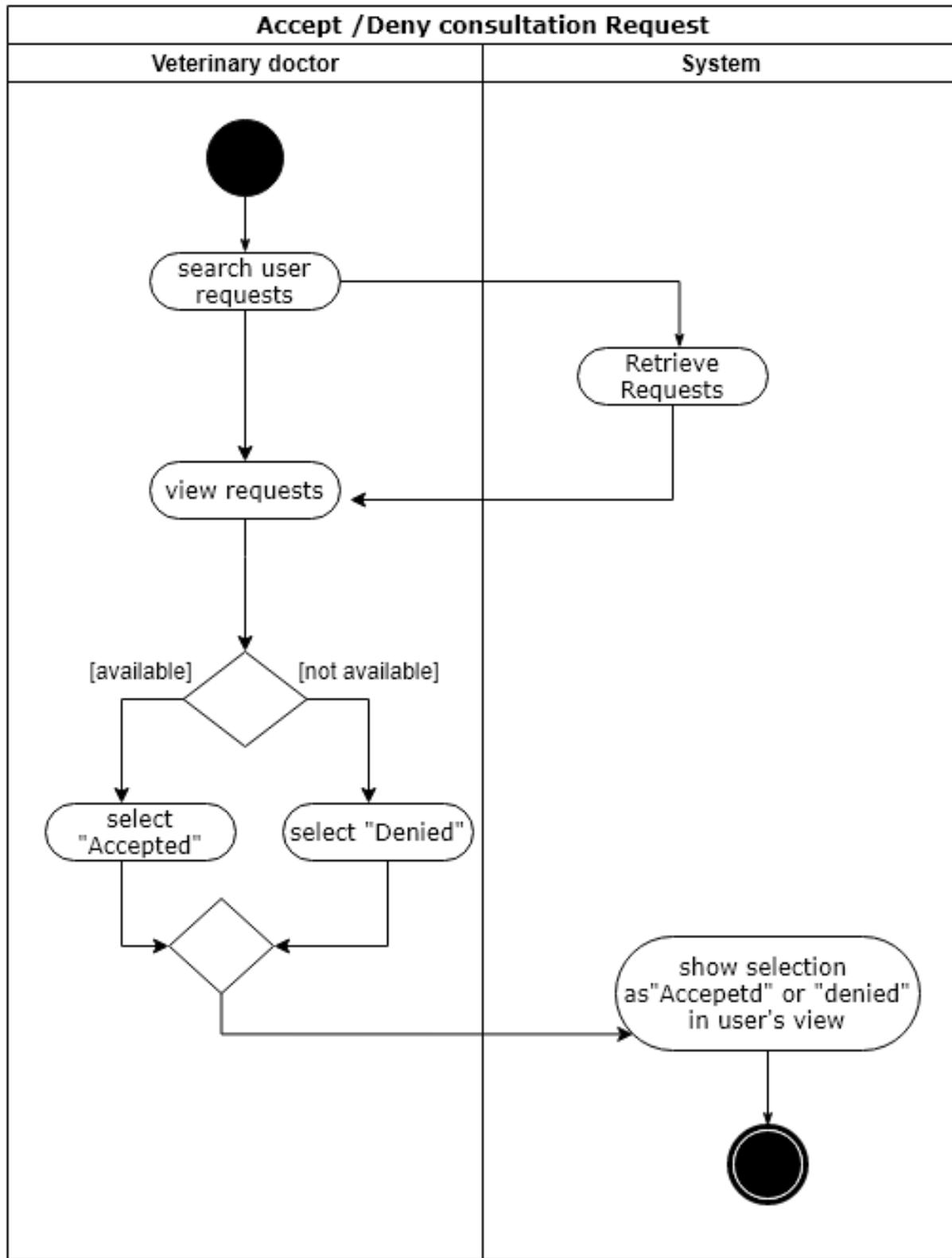


Figure 47: Activity Diagram - Accept / Deny Consultation Requests

Use Case 35 - Audio / Video calls to consult

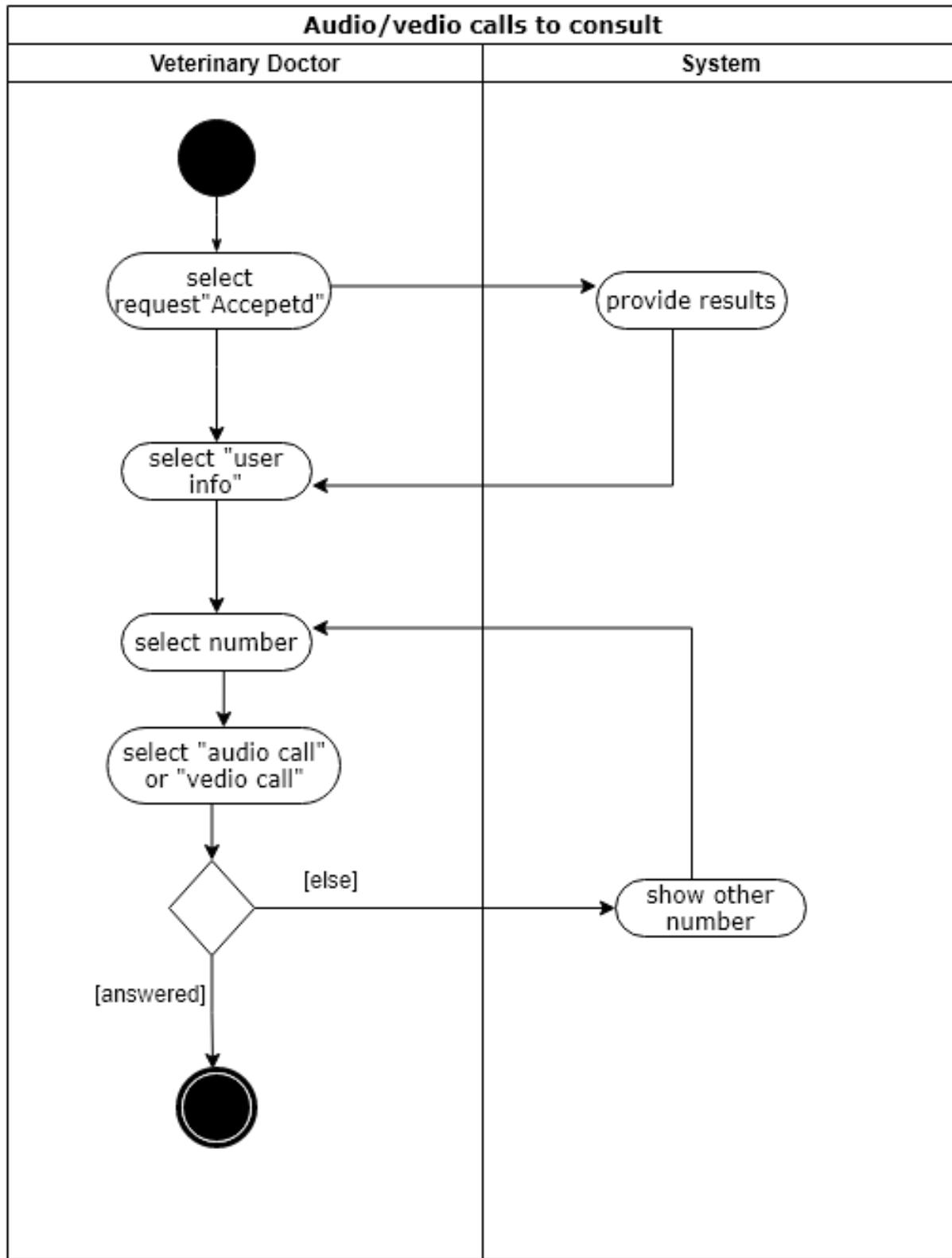


Figure 48: Activity Diagram - Audio / Video calls to consult

Use Case 36 - Maintain health records of a pet

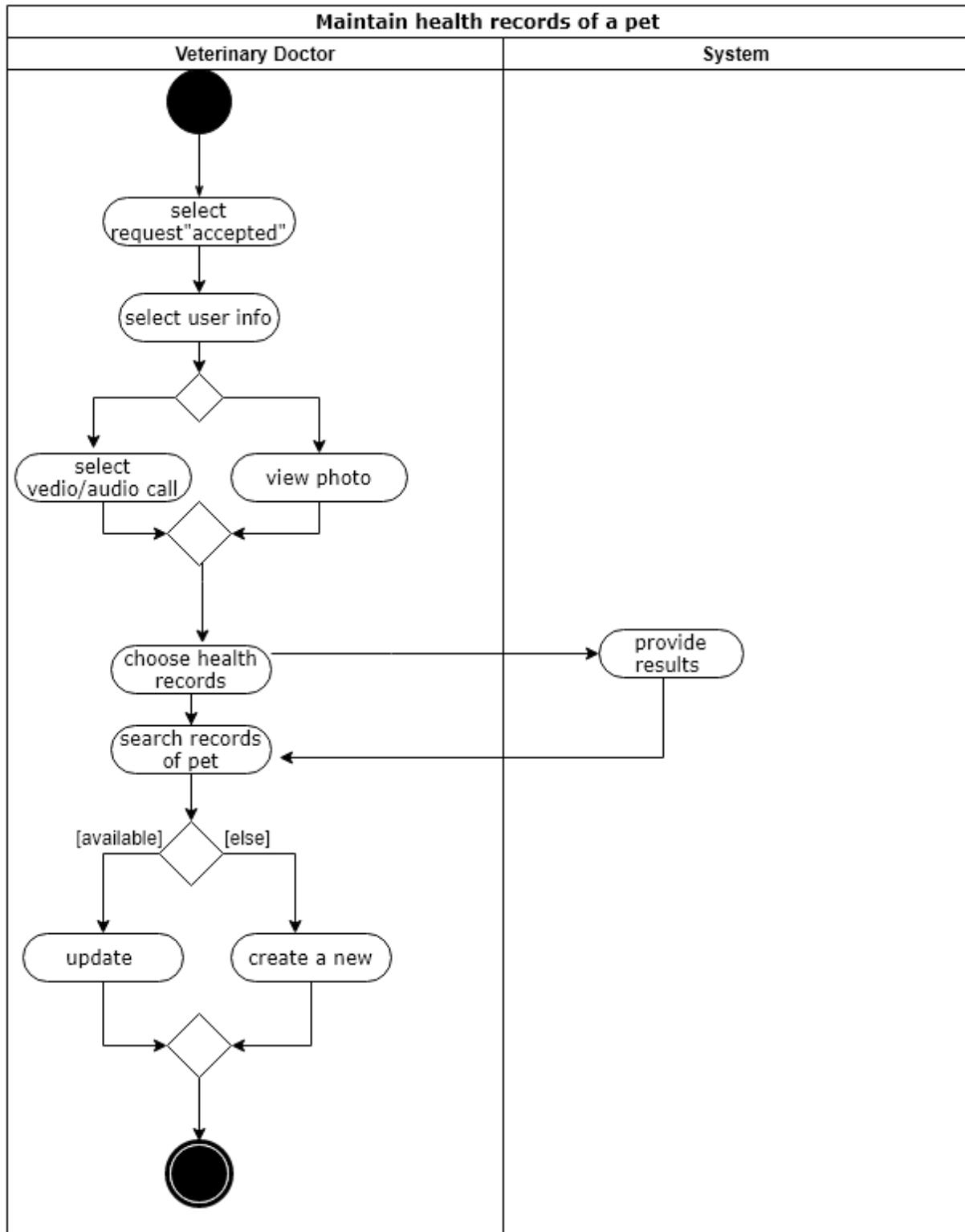


Figure 49: Activity Diagram - Maintain health records of a pet

Use Case 37 - Create prescription

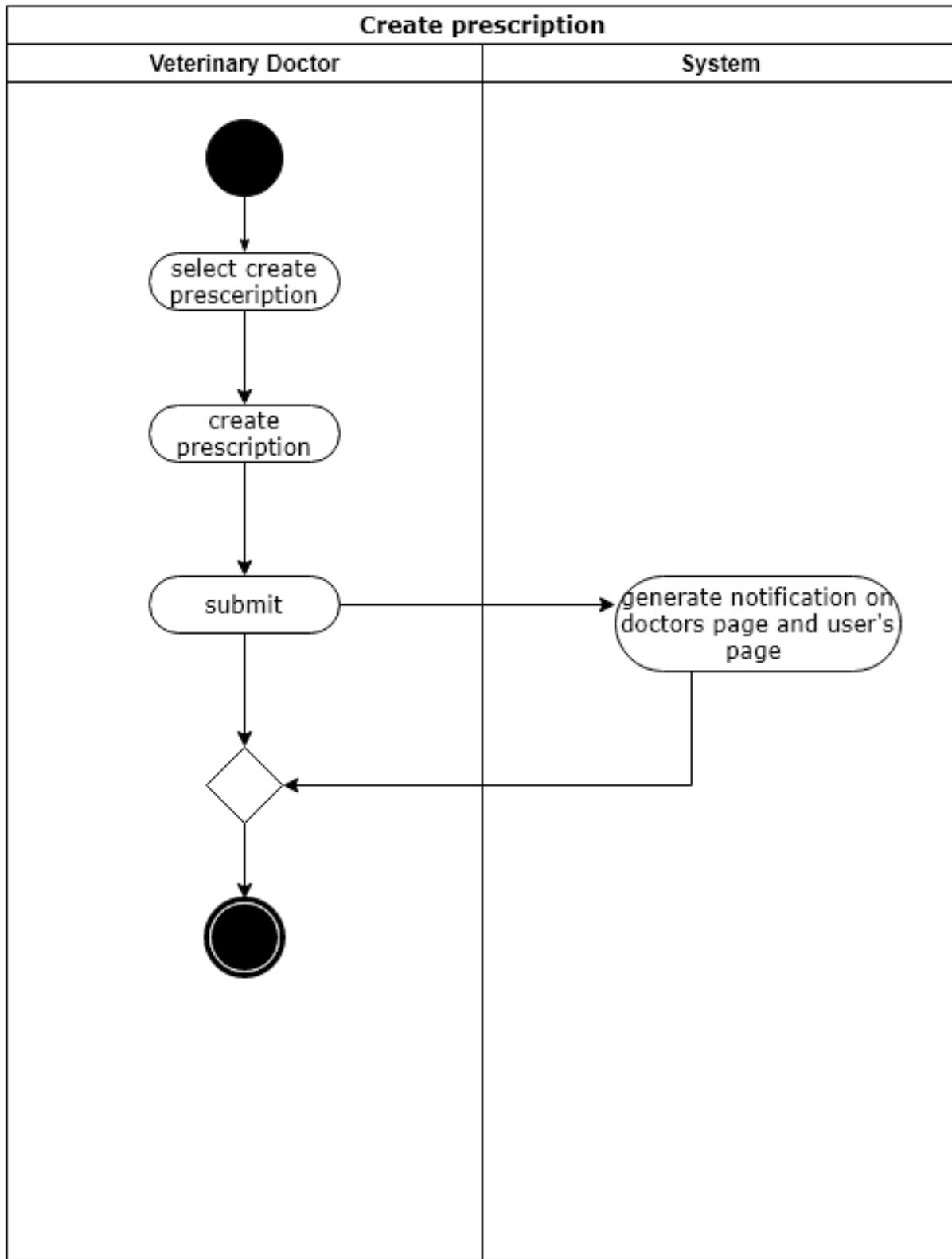


Figure 50: Activity Diagram - Create prescription

4.5.6 AUTHENTICATION MODULE

Use Case 38 - Sign In

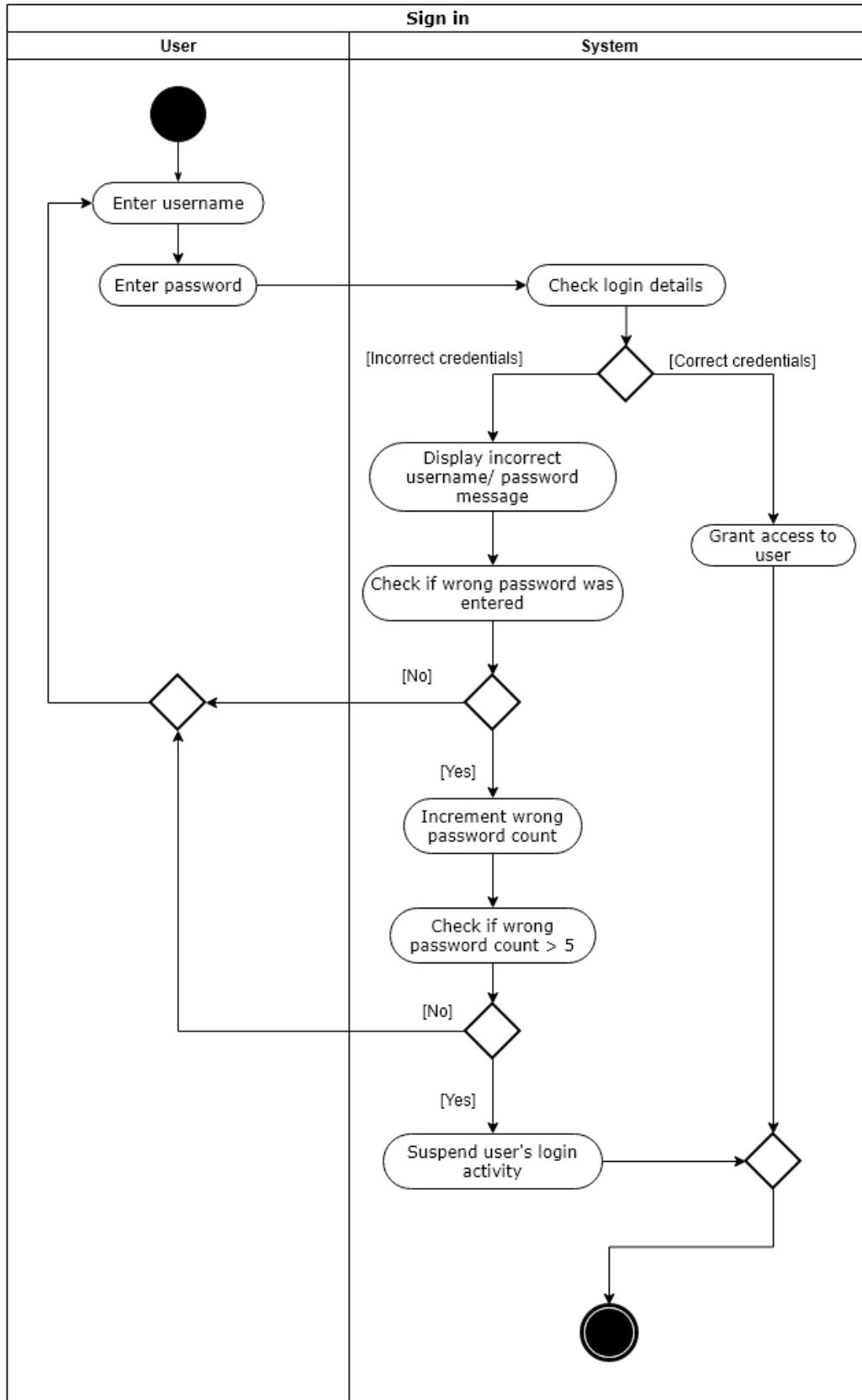


Figure 51: Activity Diagram - Sign In

Use Case 39 - Sign Up

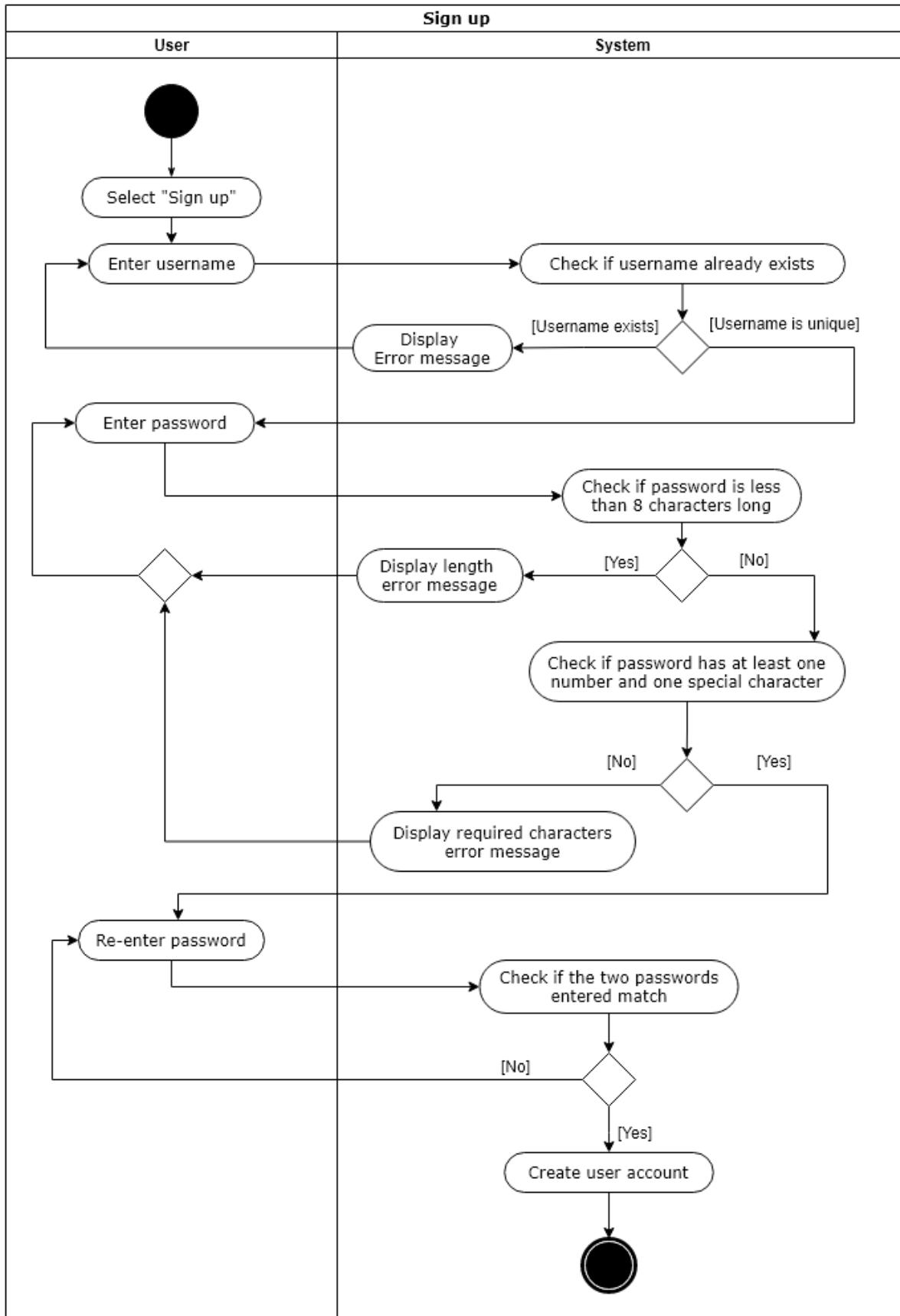


Figure 52: Activity Diagram - Sign Up

Use Case 40 - Update User Profile

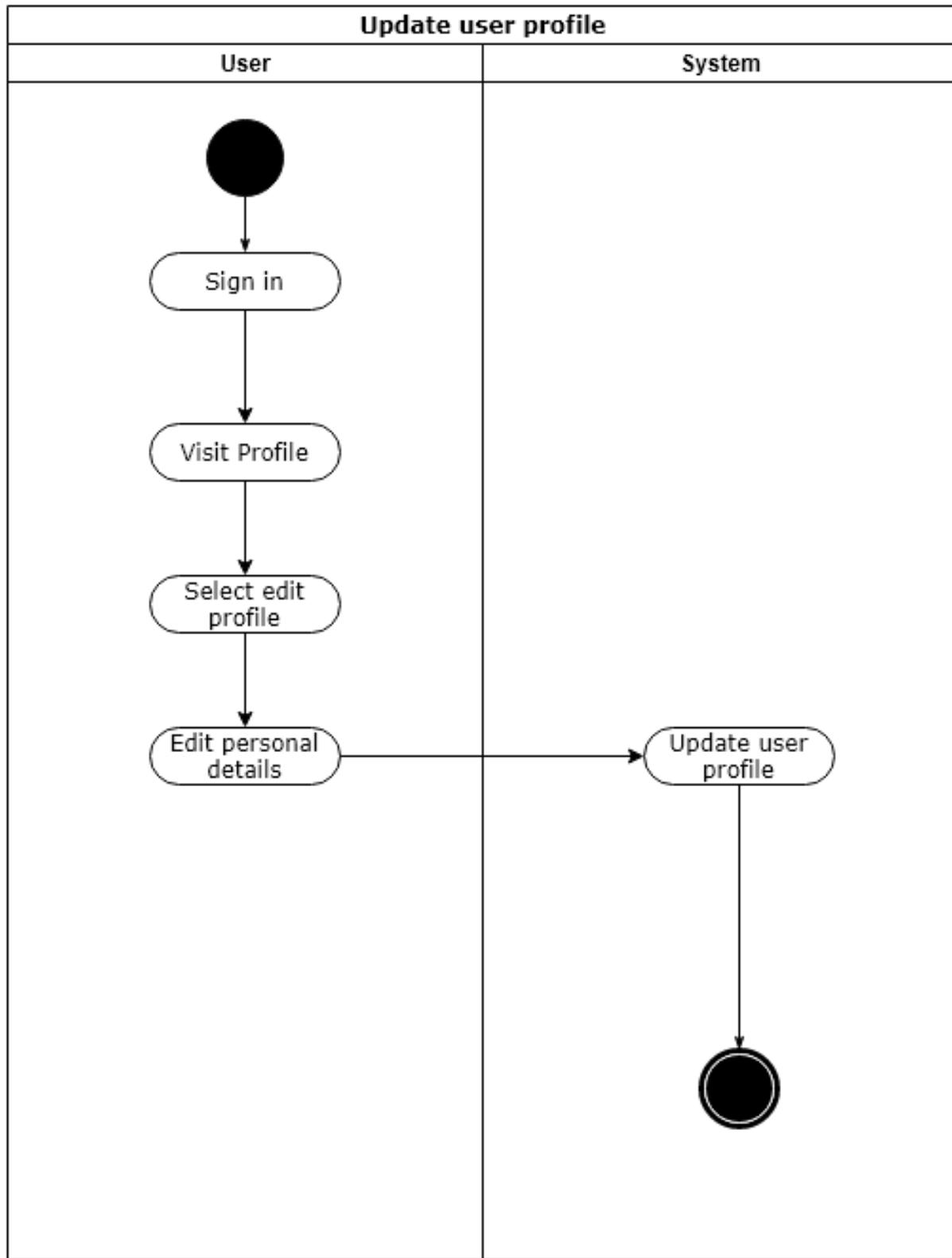


Figure 53: Activity Diagram - Update User Profile

Use Case 41 - Change Password

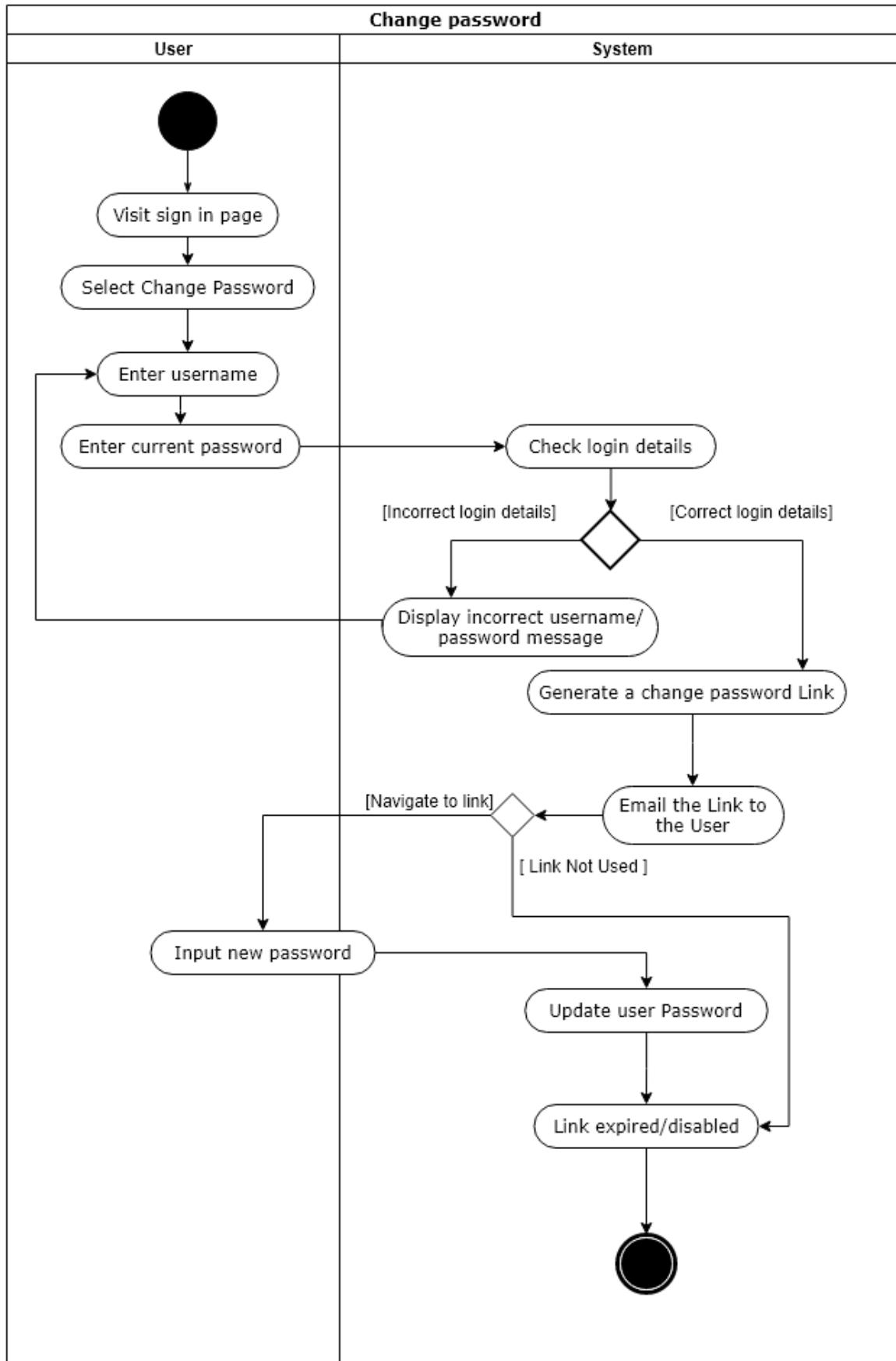


Figure 54: Activity Diagram - Change Password

Use Case 42 - Reset Password

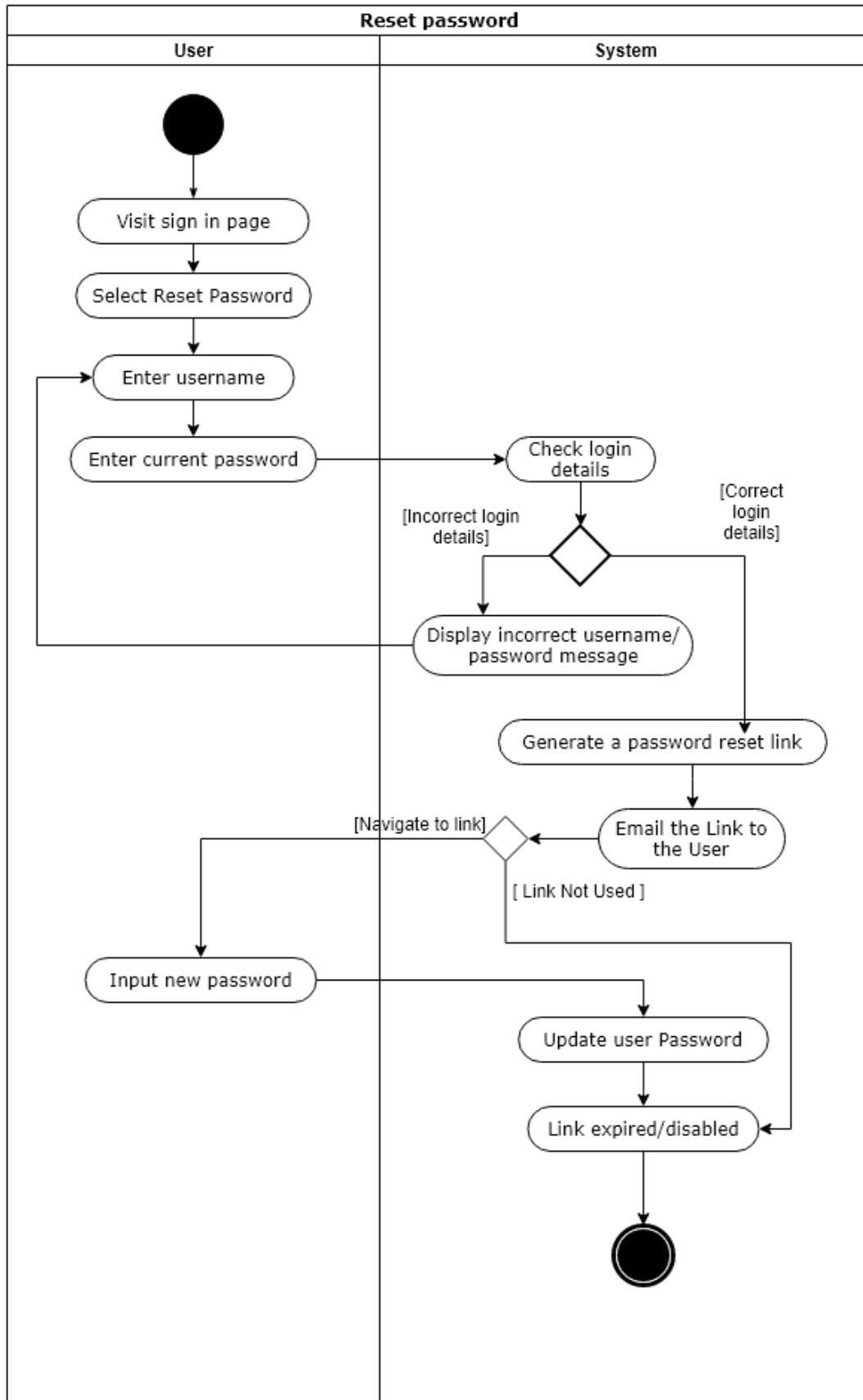


Figure 55: Activity Diagram - Reset Password

Use Case 43 - Register Organization

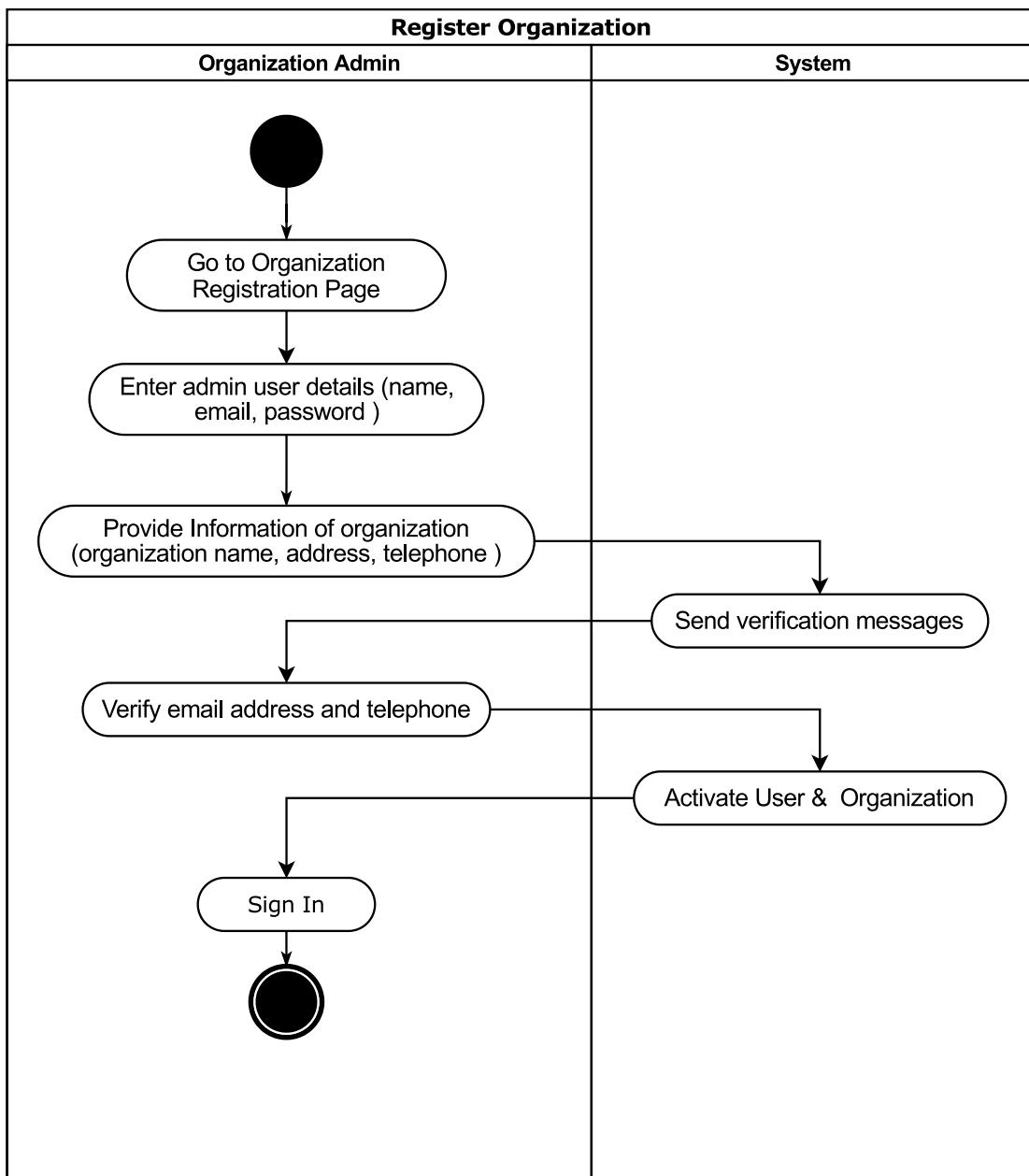


Figure 56: Activity Diagram - Register Organization

Use Case 44 - Register as a Doctor

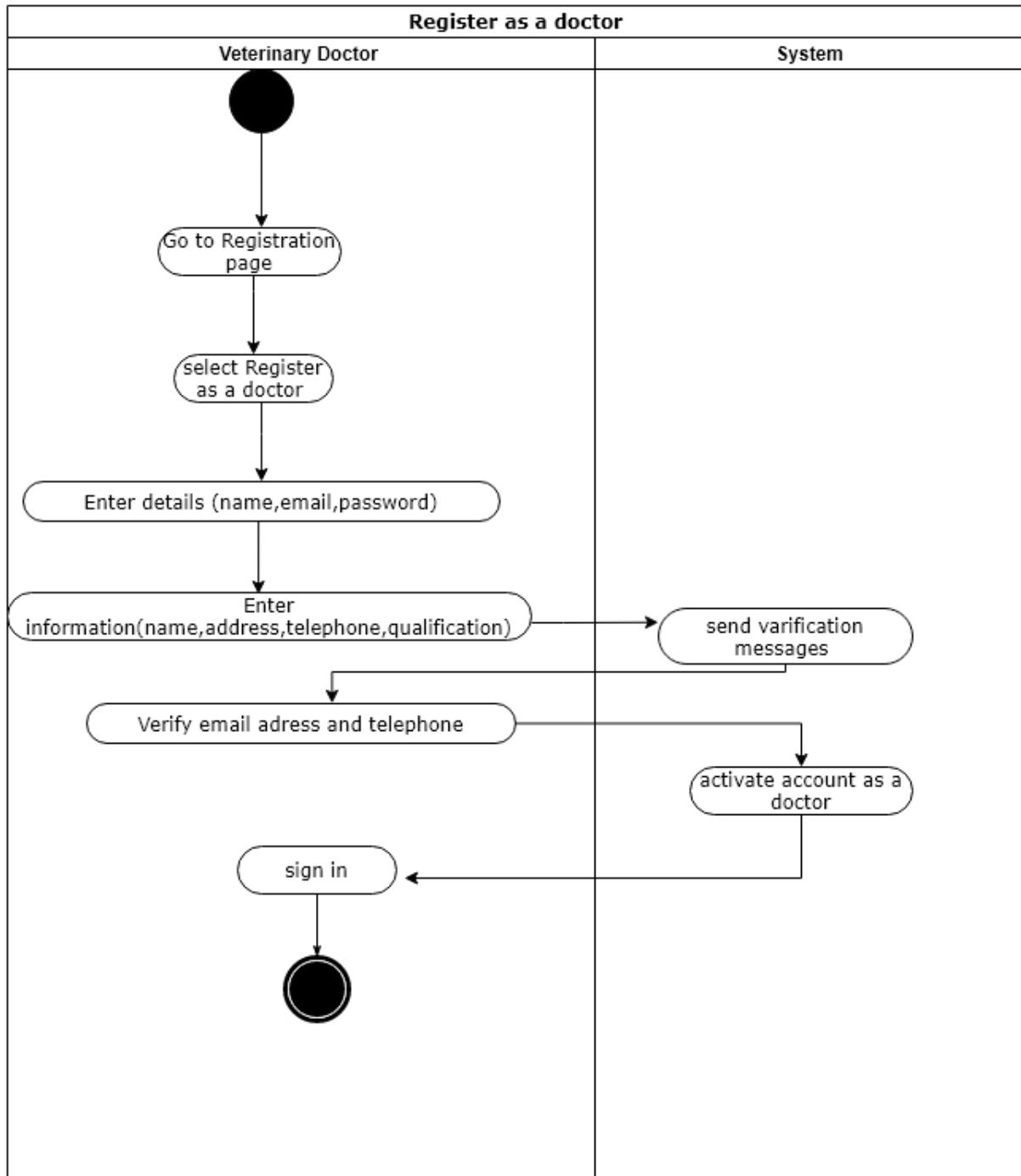


Figure 57: Activity Diagram - Register as a Doctor

Use Case 50 - View Purchase, Donation & Sponsorship History

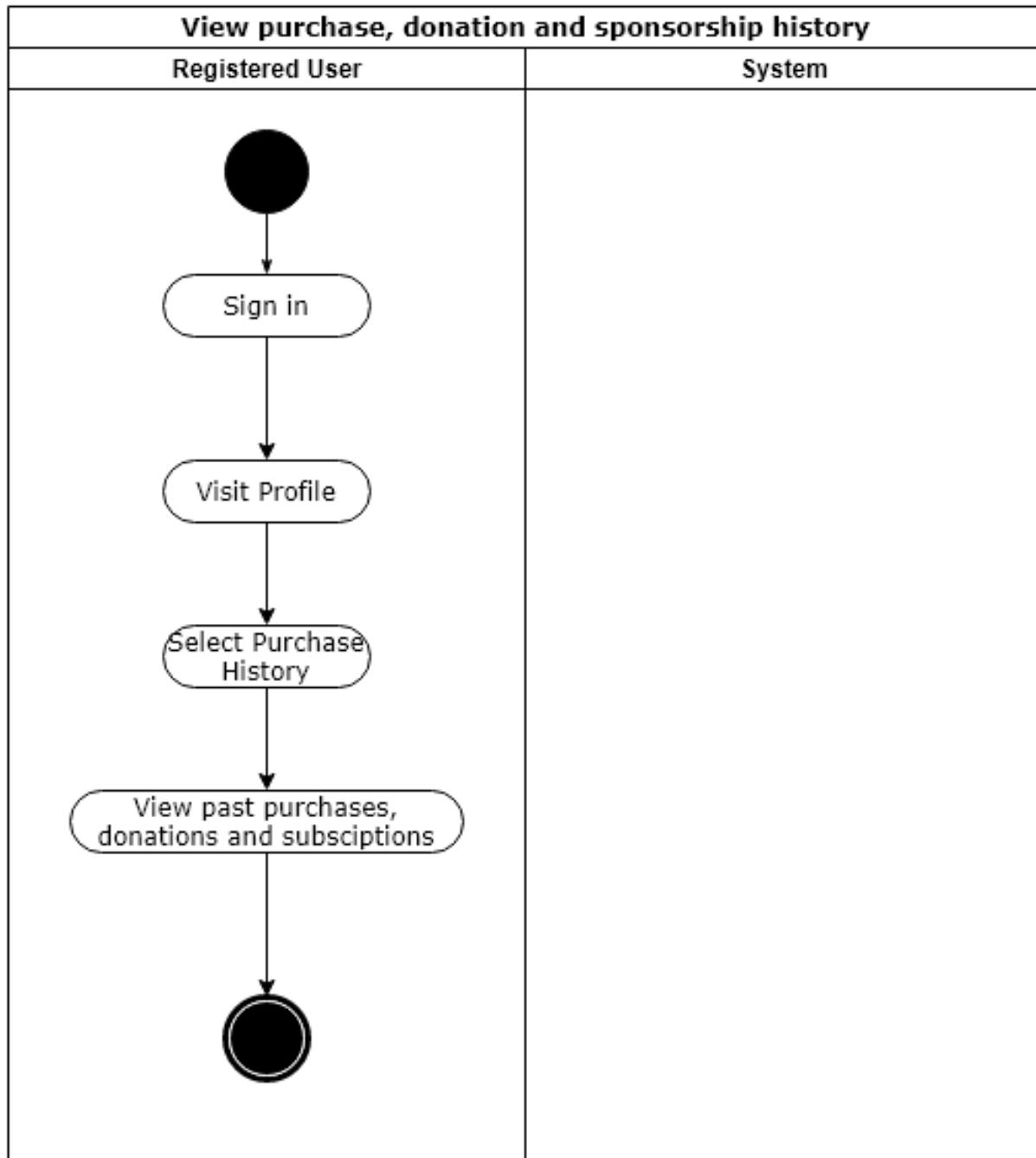


Figure 58: Activity Diagram - View Purchase, Donation & Sponsorship History

4.6 Quality Attributes

4.6.1 USABILITY

The users of the system from shelters and veterinary clinics currently either do not use a software system or use one with simple, limited functionalities. Most of them use some form of social media to run their operations.

Therefore, the system must be simple and user-friendly as the users are not highly technical people. A simple and uncluttered user interface where it is easy to find the required services should address this issue. A user guide is provided to the users of animal shelters and veterinary clinics since their functionality is more complex than that of adopters.

Tactics

- Back buttons should be provided for the users to go to the previous page.
- User will be able to cancel the incomplete tasks / forms without storing them in the backend.
- User tasks are restricted by considering a user role – Maintains user model in the UIs

4.6.2 SECURITY

Since monetary donations are made through the system, this is made secure by encrypting the customer's card details using SSL. User accounts are secured by hashing passwords when storing in the database.

Also, the system includes countermeasures against SQL injection attacks, CORS based attacks, XSS and RCE (Remote Code Execution) as there is user-generated content in the application.

Tactics

- *Detecting Attacks*
 - Password reset links and other sensitive data is encrypted and they are validated for their integrity using cryptographic methods when used taken as input.
 - User Sessions, system generated links should have an expiration time and expired ones must be denied by the system.
 - Email addresses and telephone numbers used to register in the system must be verified.
- *Resisting Attacks*
 - System can be used within Sri Lanka so only the IPs from Sri Lanka will be allowed.
 - All users must be authenticated in order to access the system.
 - A strong password policy shall be maintained.
 - Access to the system administration tasks must be protected with additional security measures.
- *Reacting to Attacks*
 - User accounts should be able to be disabled or blocked.
 - IP addresses shall be able to be blocked in case of an attack coming from a certain address
- *Recovering From Attacks*
 - System shall be able to recover after an attack using backed up data.

4.6.3 AVAILABILITY

Our main deliverable is a web application and it is available throughout the day. Thus, it is crucial to maintain the maximum availability and uptime of our application.

For that,

- A cloud provider with guaranteed SLAs is used to host our application.
- Application deployment is configured to maintain a 99.5% uptime at a minimum.
- The application is containerized and deployed directly on a container runtime (a PaaS) of the cloud provider (which have replicas and failover configured automatically).
- Application and infrastructure configuration is committed to the source repository (for better consistency between environments)

Disaster Recovery

As the application is containerized there won't be a problem recovering the application. However, the database is backed up daily to a location outside the deployment server.

Tactics

- *Detecting Faults*
 - System should properly use exceptions when in an unexpected state.
- *Recover From Faults*
 - Exceptions and other errors should be handled gracefully.
 - Database & other data modifications should rollback to the original state if an exception occurs during a data mutating task.
- *Prevent Faults*
 - Transactions should be used to encapsulate database interactions

4.6.4 PERFORMANCE AND RELIABILITY

A computer system must be always performant, reliable and must provide consistent results.

- Response time for any request is 500ms or less. In situations where an asynchronous task is being performed, there should be a proper progress indicator.
- Every data mutating task utilizes a single database transaction to provide better concurrency and to avoid the database getting into an inconsistent state.
- Proper caching headers are set on the static content of the application.

Tactics

- *Control Resource Demand*
 - A limit should be imposed on number of requests the system handles per second
 - An upper bound should be placed on the time the system can take to respond to a request. If it is exceeded, request shall timeout.
 - A special care should be given to reduce loading of unnecessary classes and files to minimize the overhead.
- *Manage Resources*
 - Multiple instances of the server should be maintained and concurrent request handling should be supported in both application and database.
 - Limits should be placed on the areas such as file storage to maintain an acceptable performance level.
 - E.g.: maximum file upload size is limited to 5MB.

4.6.5 MAINTAINABILITY / MODIFIABILITY

System maintenance and future improvements should be straight forward to carry out. Therefore,

- The system is built with good developer documentation and comments.
- Best practices and good coding standards are followed.
- The system is properly modularized with good system architecture.

Tactics

- *Reducing Size of a Module*
 - A module should not contain functionality for a broad range of features and should be limited to properly maintainable scope.
- *Increase Cohesion*
 - Controller & Model classes should only contain the methods related to the same functional area otherwise they should be placed into different classes.
- *Reduce Coupling*
 - External or shared services such as payment gateways, Email & SMS should be integrated via abstract interfaces.
- *Defer Binding*
 - Configuration values such as database credentials, API keys shall be given as a parameter to the application and should not be included in the source code of the system.

4.6.6 PORTABILITY / INTEROPERABILITY

We are building a web application; the client application is always a web browser. Which is platform-independent by itself.

However special attention is required on the server side to maximize portability.

Tactics

- Usage of proprietary or non-standard APIs / interfaces during development is minimized.
- The best vendor-neutral and platform-neutral methods are utilized in scenarios such as when connecting and using a database.
- Data storage and communication formats are the industry standard. (Like utilizing ISO 8601 for dates)

5 SYSTEM ARCHITECTURE

5.1 High-Level Architecture

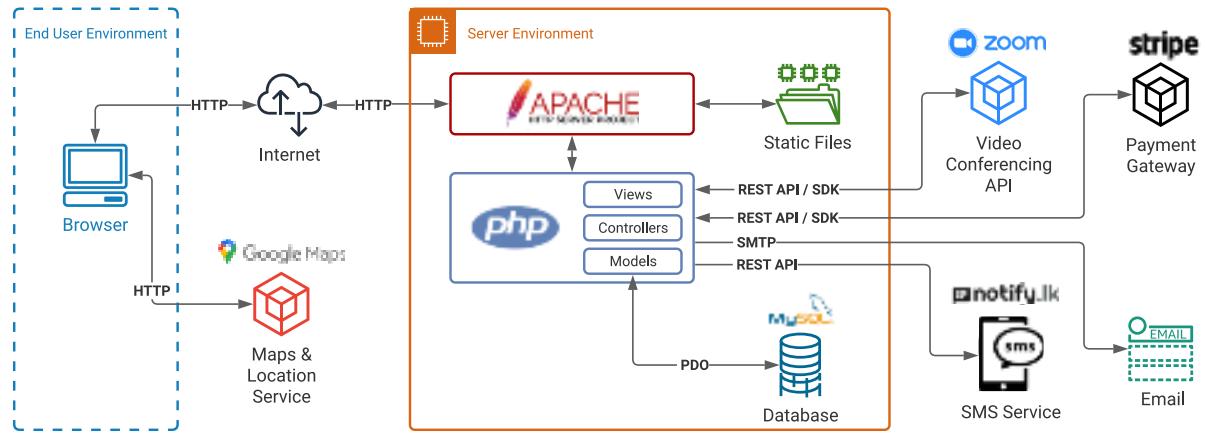


Figure 59: High Level Architecture Diagram

5.2 System Architectural Structure

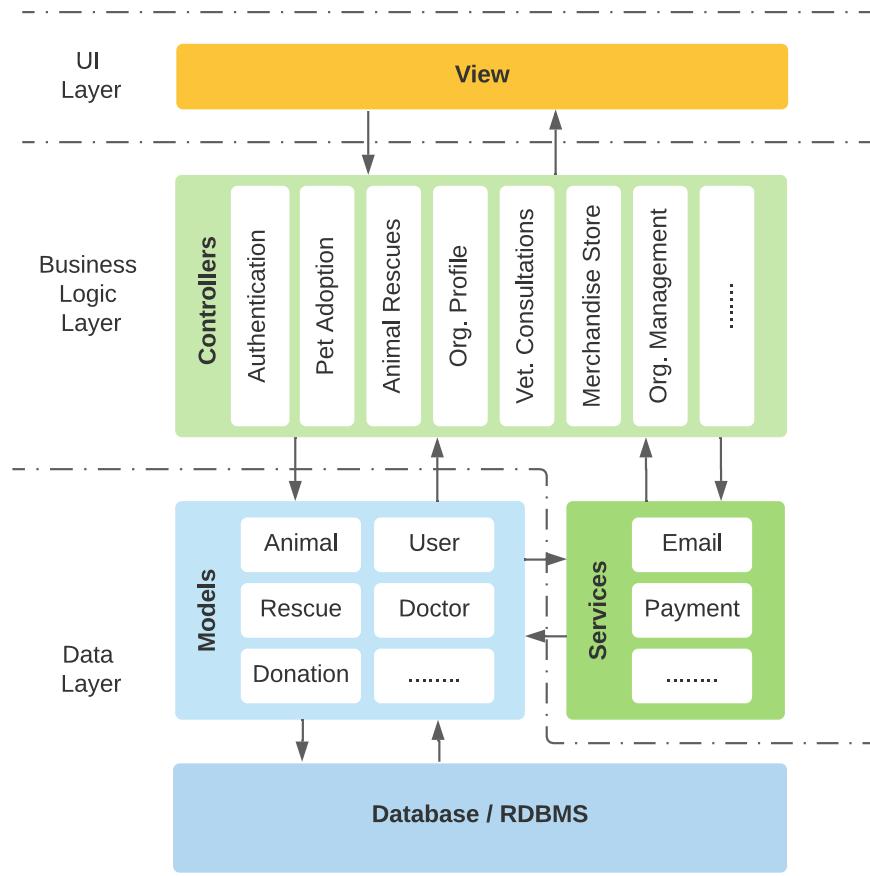


Figure 60: System Architectural Structure

5.3 System Components

5.3.1 COMPONENT DIAGRAM

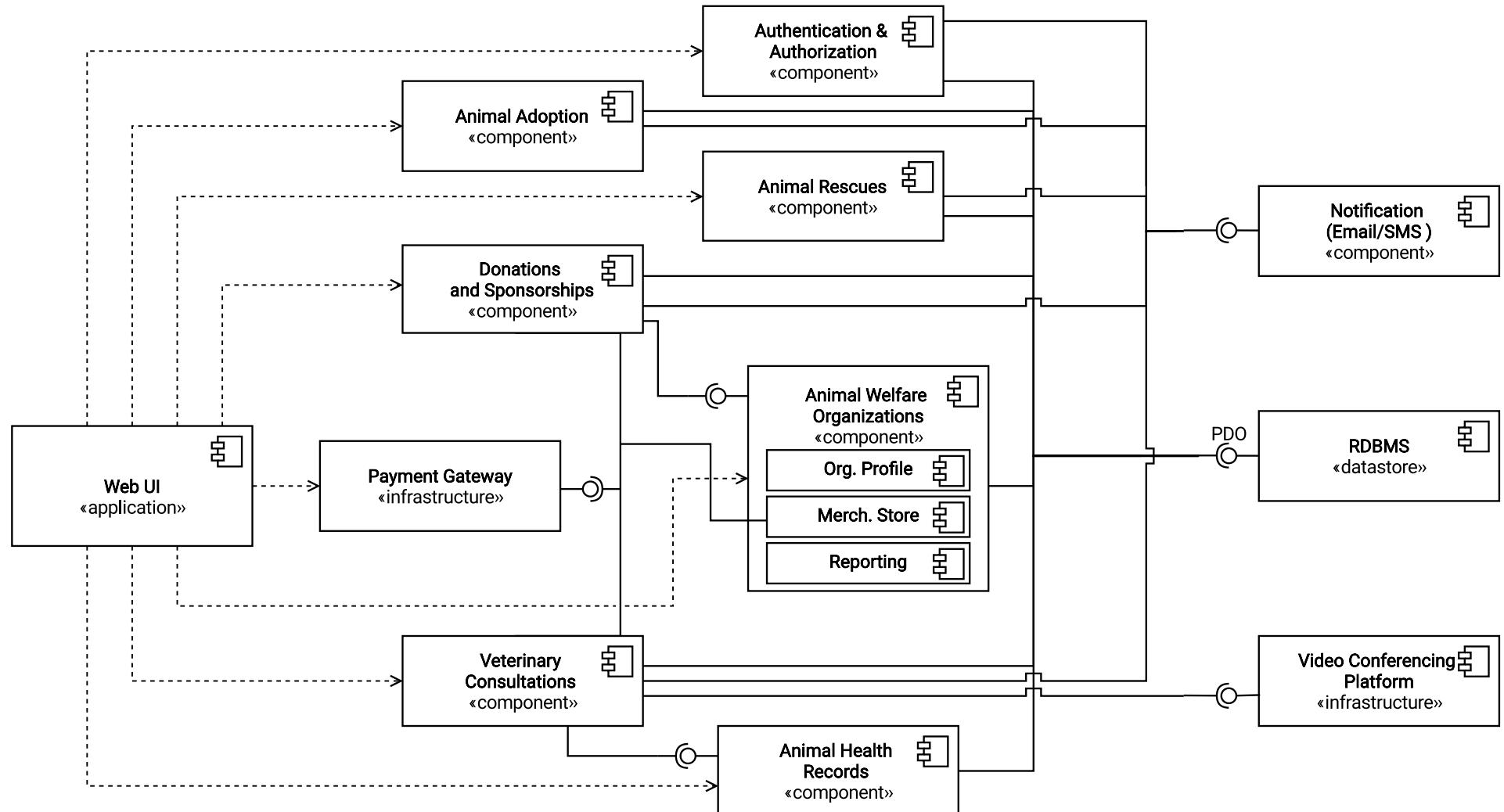


Figure 61: Component Diagram

5.3.2 COMPONENT DESCRIPTION

Table 54: Component Functionalities

Component	Functionality
Authentication & Authorization	<ul style="list-style-type: none"> • Validate credentials of the users • Onboarding of users and organizations to the system. • Providing interface to get authorized user data
Animal Adoptions	<ul style="list-style-type: none"> • List available animals • Accept adoption requests • Add new animals for adoption • Routine updates on adopted animals
Animal Rescues	<ul style="list-style-type: none"> • Create rescue requests. • Accept & respond to rescue reports. • Update progress of a rescue
Animal Welfare Organizations	<ul style="list-style-type: none"> • Organization Timeline • Merchandise Store • Provide Insights related to adoptions, rescues & others.
Donations & Sponsorships	<ul style="list-style-type: none"> • Make donations • Sponsorships (recurring donations)
Veterinary Consultations	<ul style="list-style-type: none"> • Book consultations • Accept & carryout the consultation online
Animal Health Records	<ul style="list-style-type: none"> • Store records in form of images, text & prescriptions. • Vaccination reminders
Notifications	<ul style="list-style-type: none"> • Send transactional & promotional emails • Send SMS notifications
Payment Gateway	<ul style="list-style-type: none"> • Accept and process payments • Refund payments
RDBMS	<ul style="list-style-type: none"> • Provide the functionality of a datastore with SQL compliant query interface
Video Conferencing Platform	<ul style="list-style-type: none"> • Initiate video / audio session between a provided pair of users.

5.3.2.1 Veterinary Consultations Component

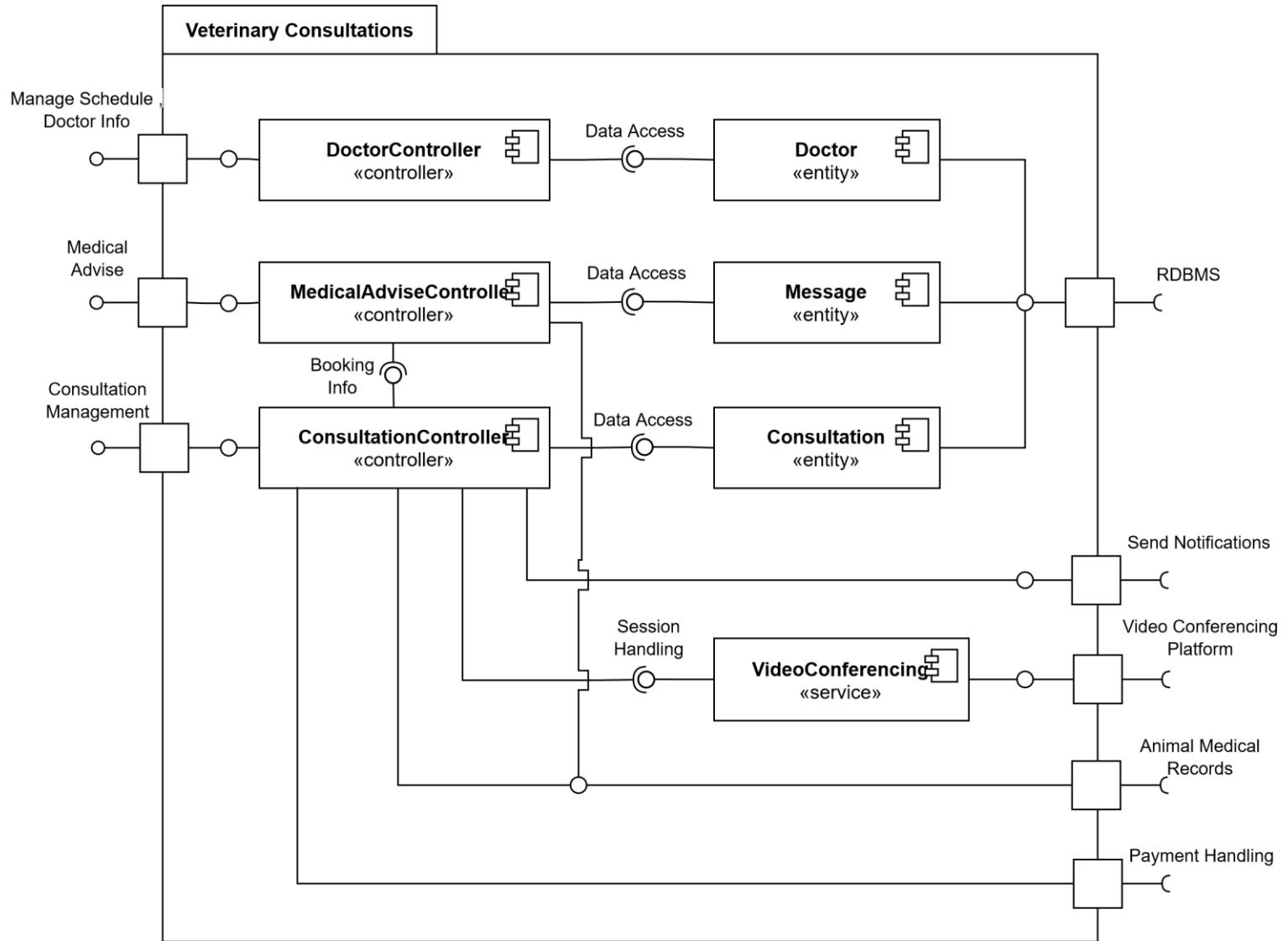


Figure 62: Component - Veterinary Consultations

5.3.2.2 Animal Health Records Component

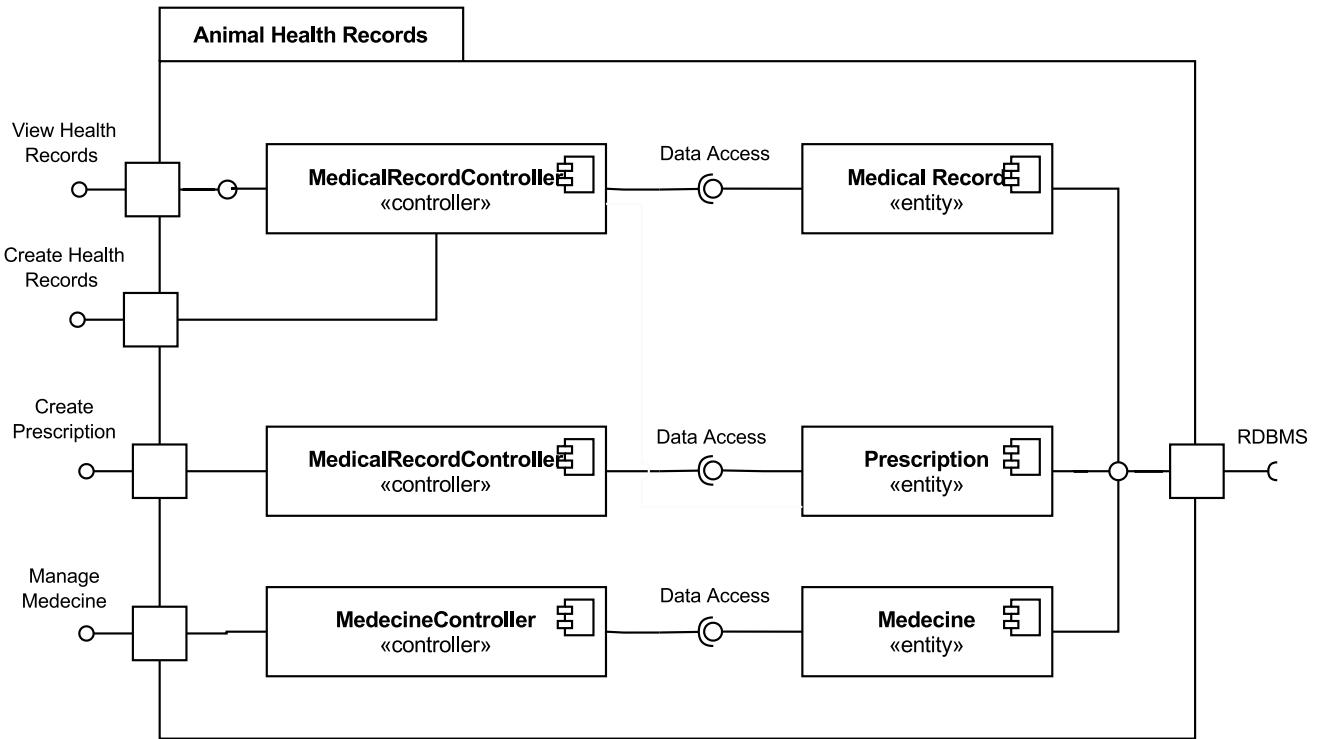
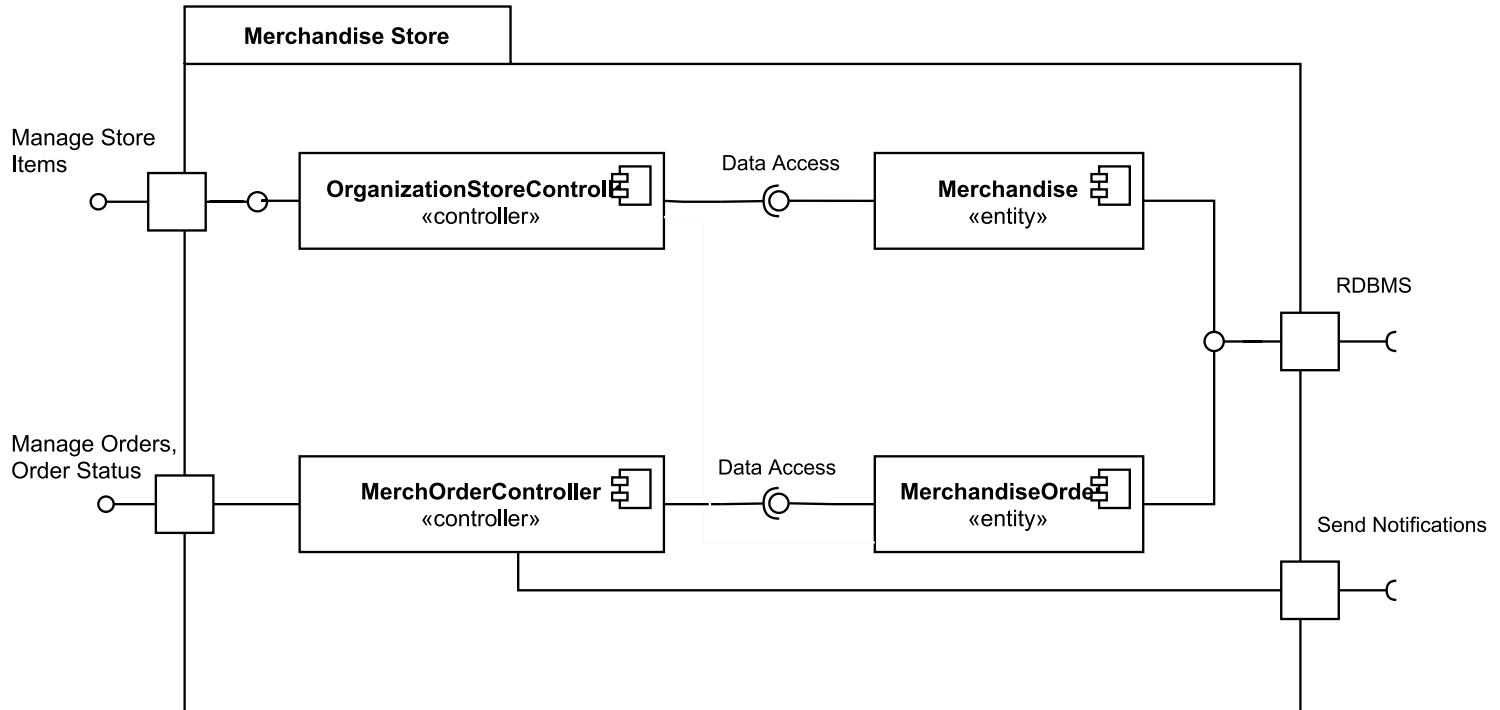
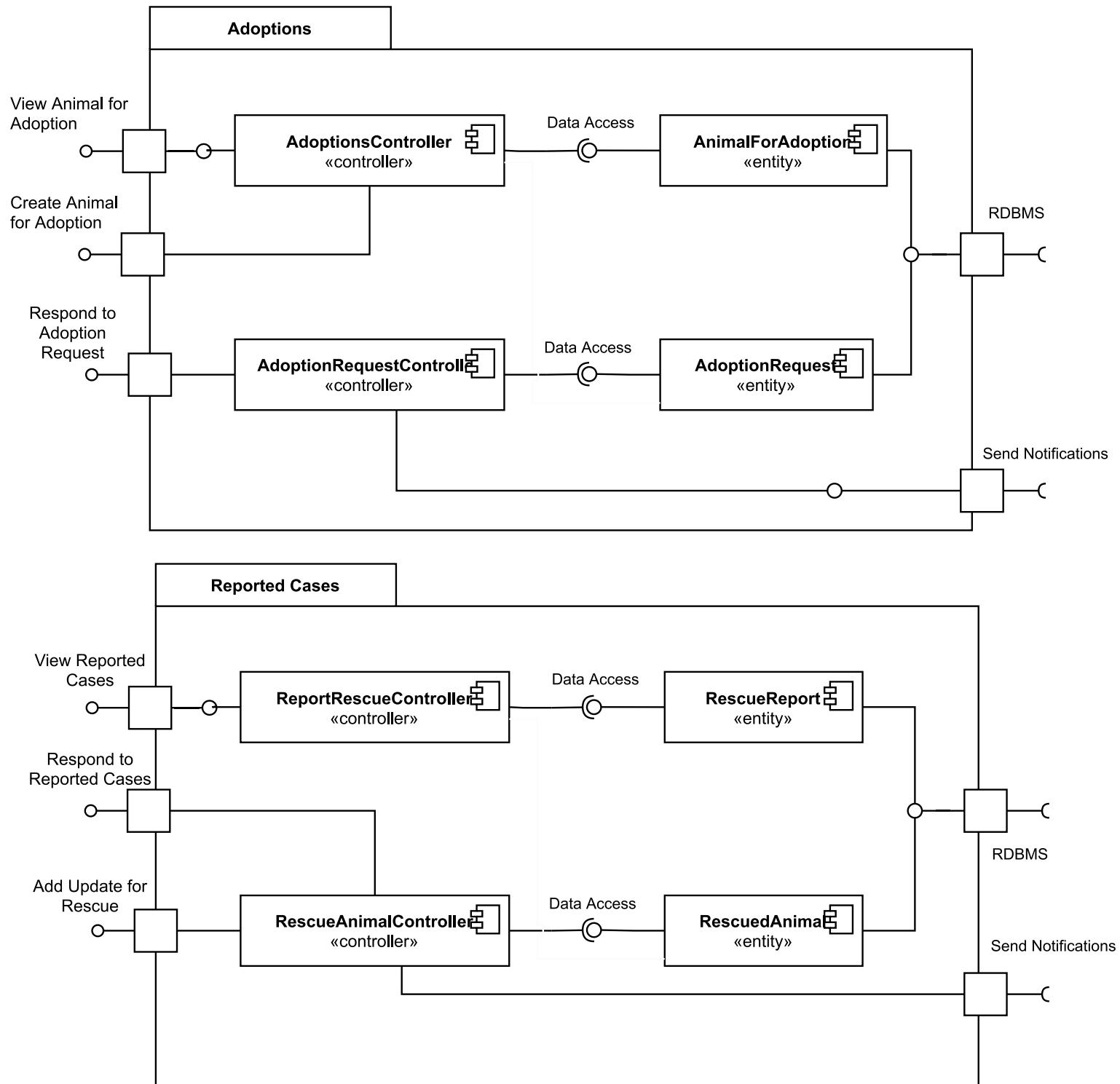
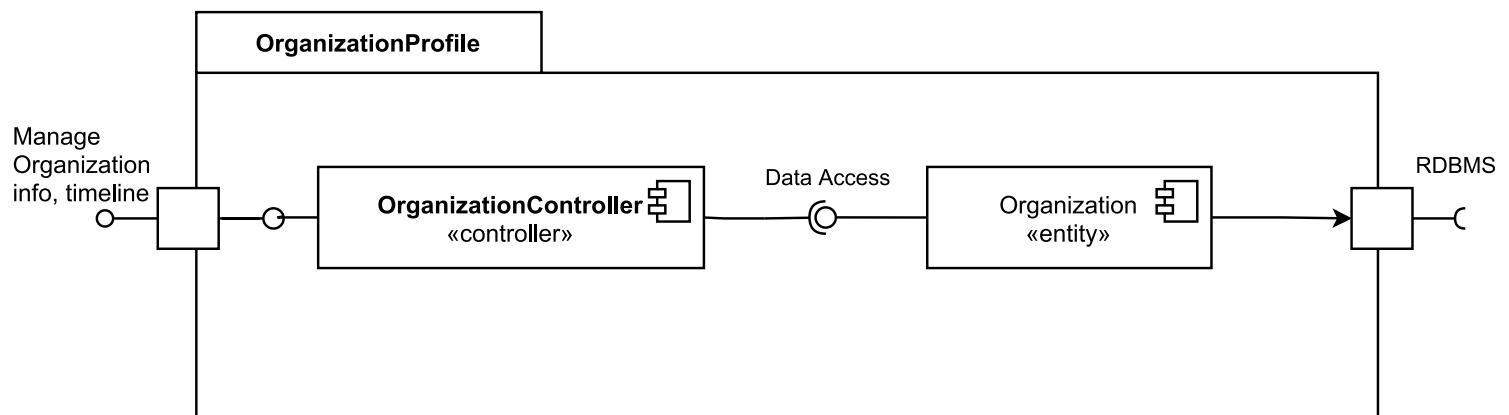


Figure 63: Component - Animal Health Records







6 SYSTEM DESIGN

6.1 Class Diagram

For the overall functionality of the System following classes are identified.

- Animal
- Rescued Animal
- Adoption Animal
- User
- Organization
- Organization User
- Veterinary Doctor
- Adoption Request
- Adoption Updates
- Consultation
- Prescription
- Prescription Item
- Medical Record
- Donation
- Sponsorship
- Sponsorship Tier
- Merchandise Item
- Merchandise Purchase
- Merchandise Order Item
- Payment

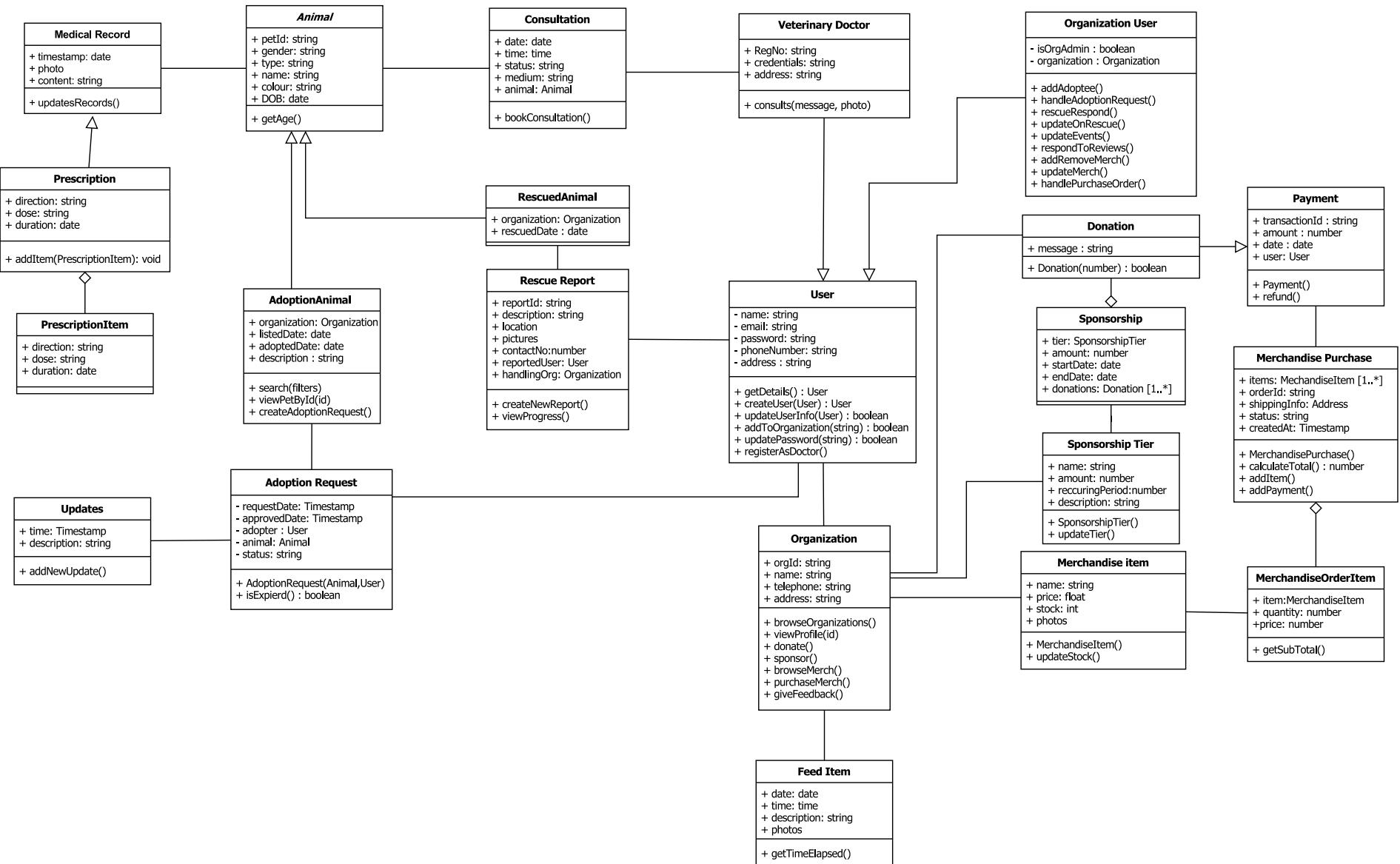


Figure 64: Class Diagram

6.2 Entity Relationship Diagram

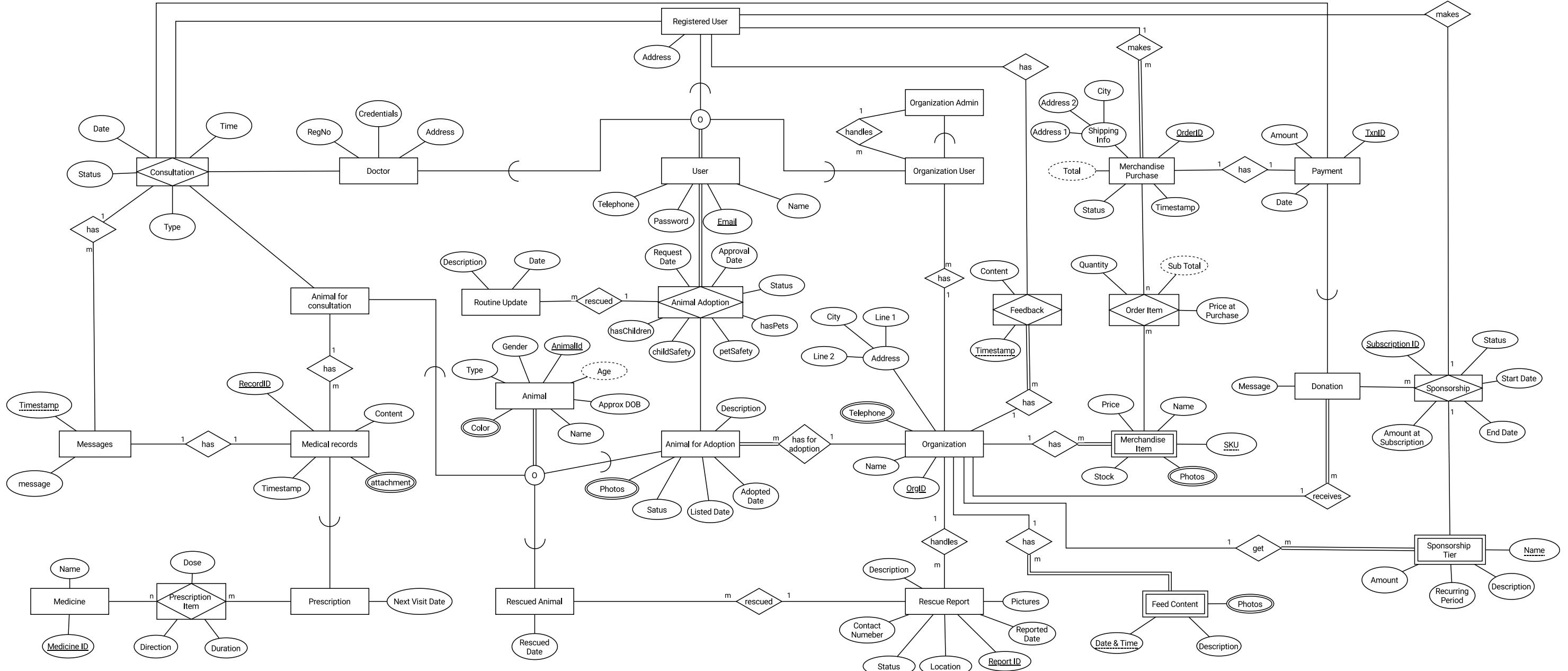
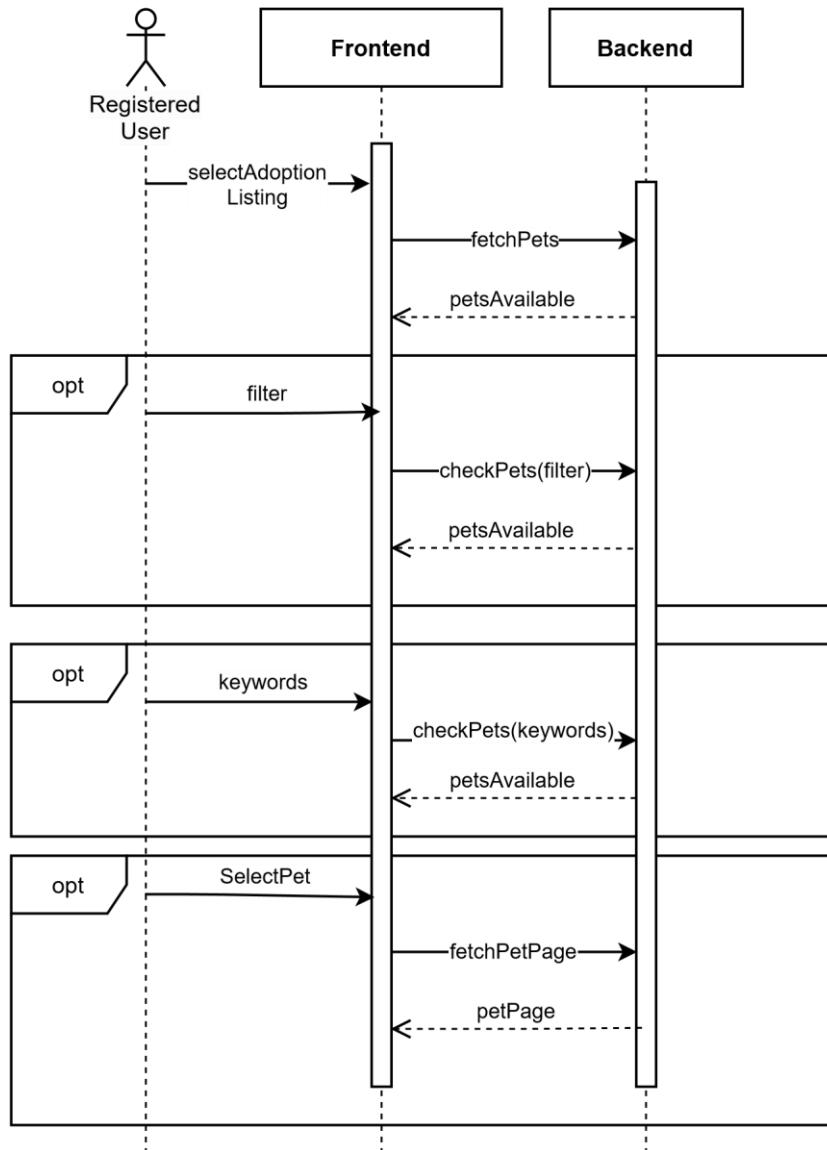


Figure 65: Entity - Relationship Diagram

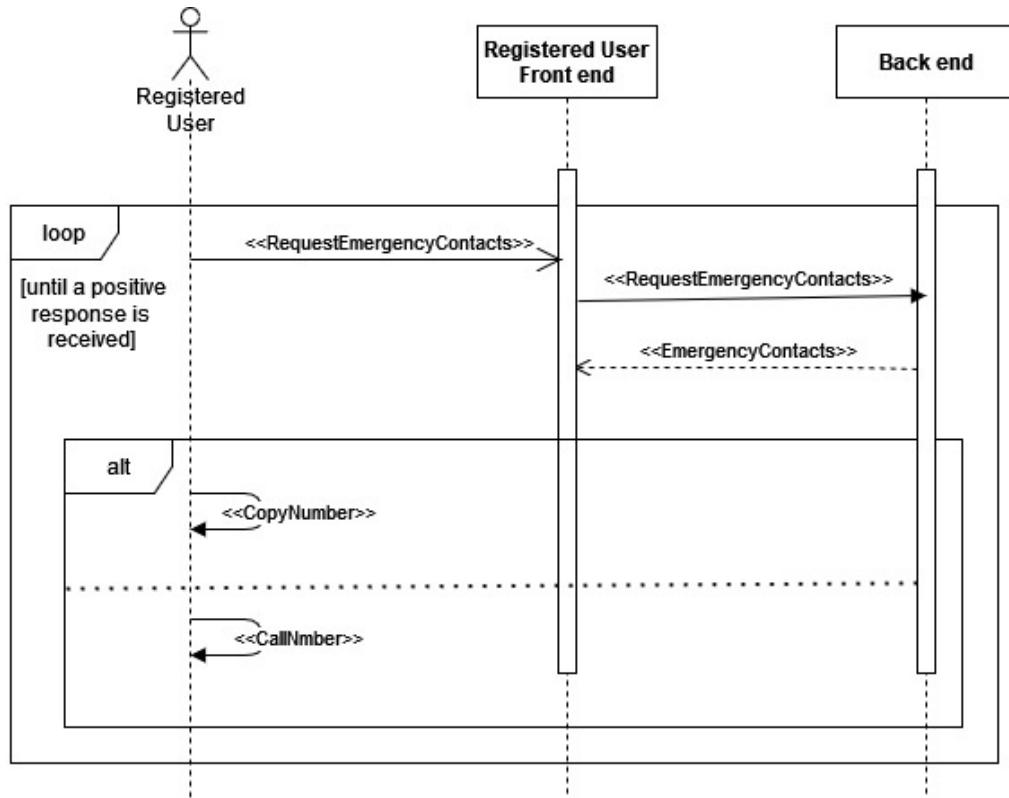
6.3 Sequence Diagrams

6.3.1 GUEST USER

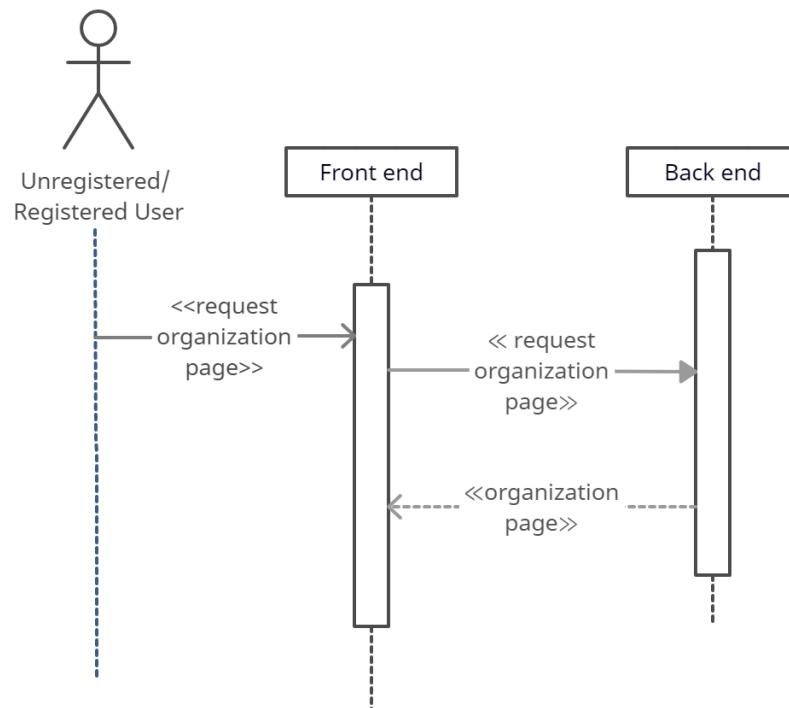
Use Case 1 – Search for Animals to Adopt



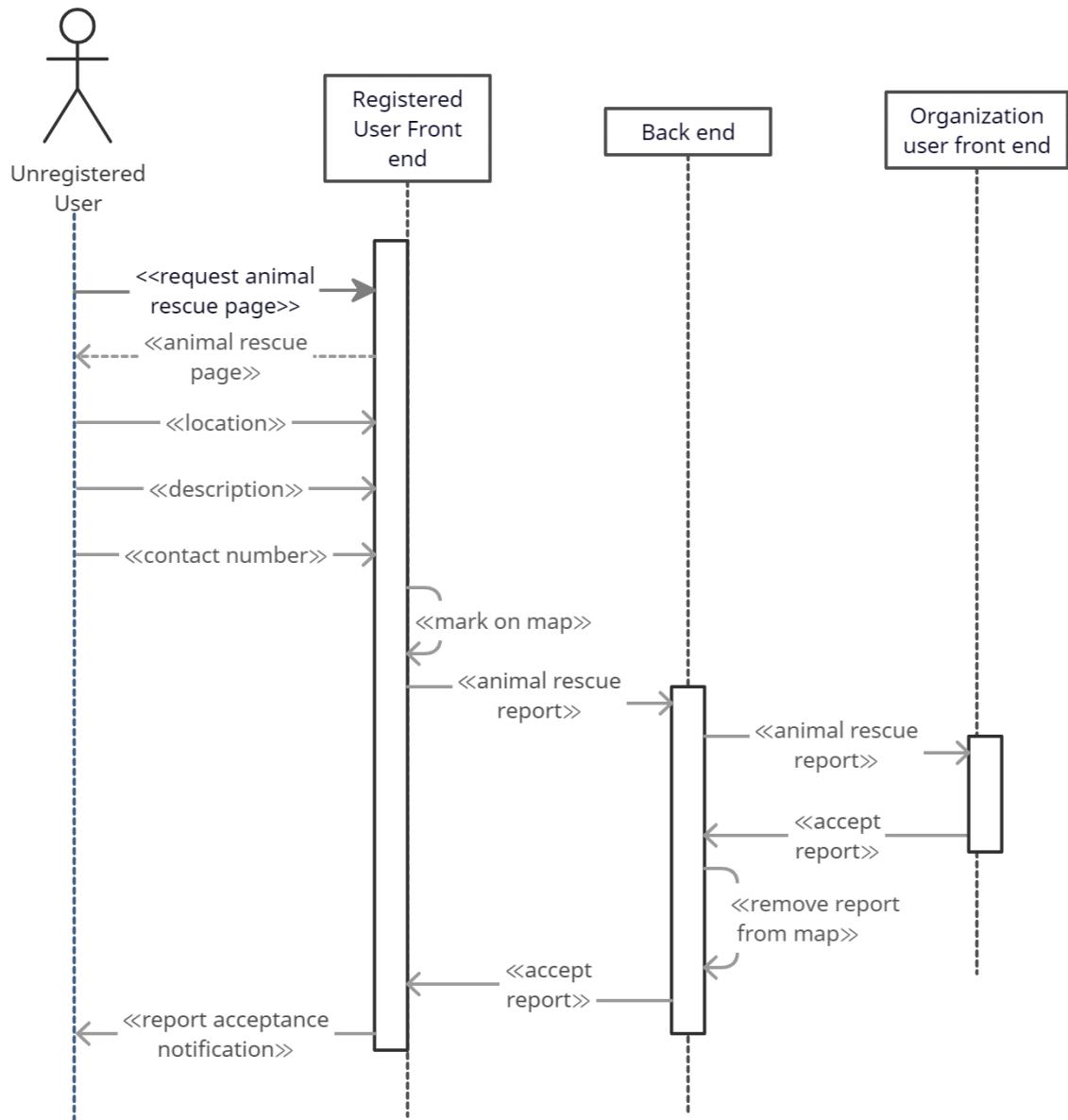
Use Case 2, 3 – View and call emergency contact numbers



Use case 4 – View organization profile/ feed

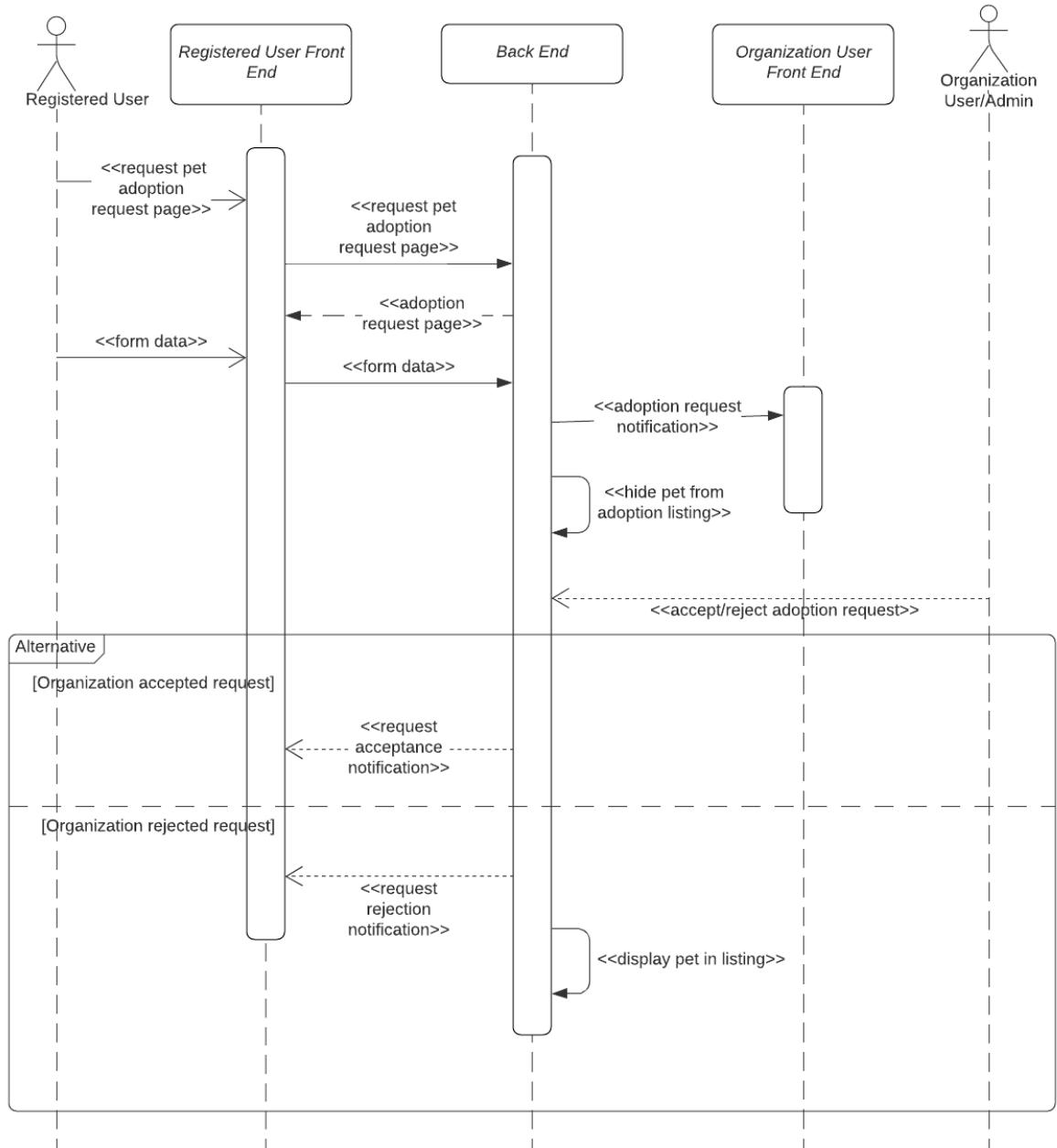


Use case 5 – Report about injured animals

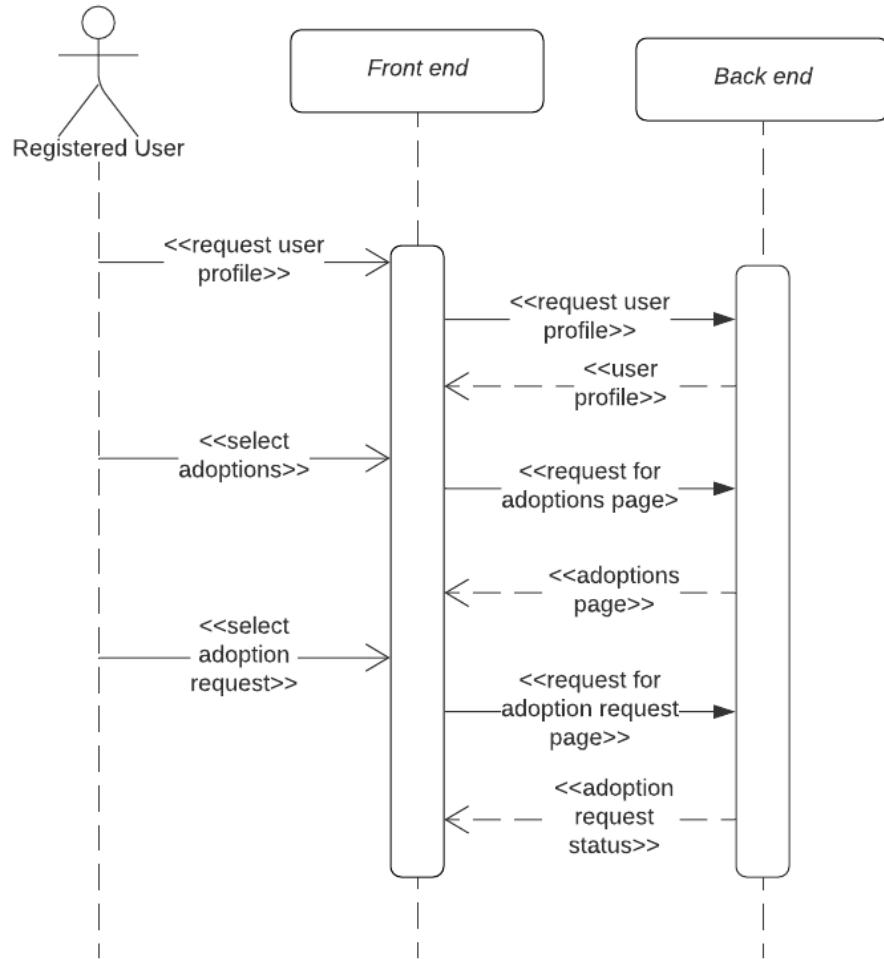


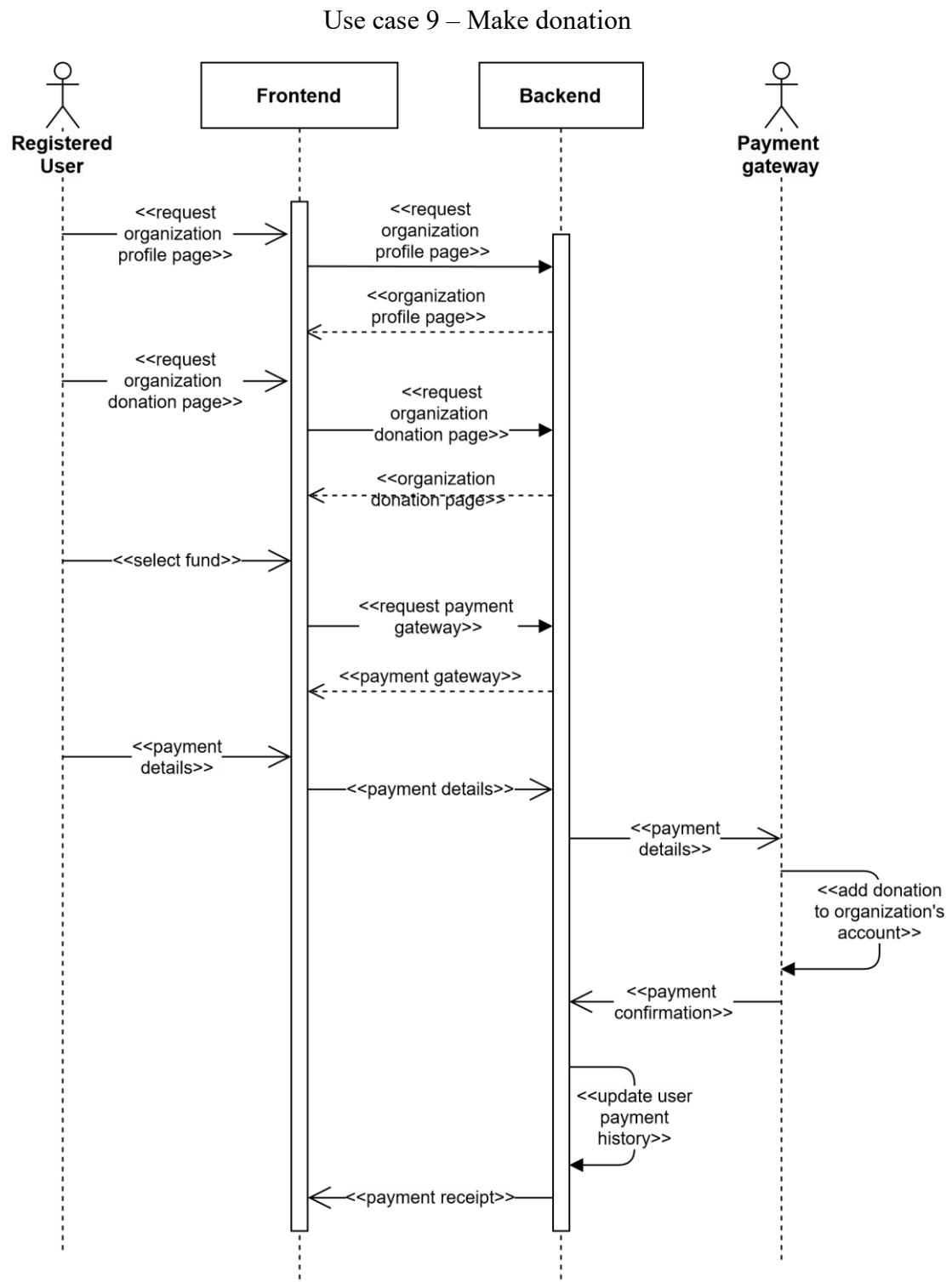
6.3.2 REGISTERED USER

Use case 6, 8 – Request to adopt a pet, Receive notification regarding the status of a request

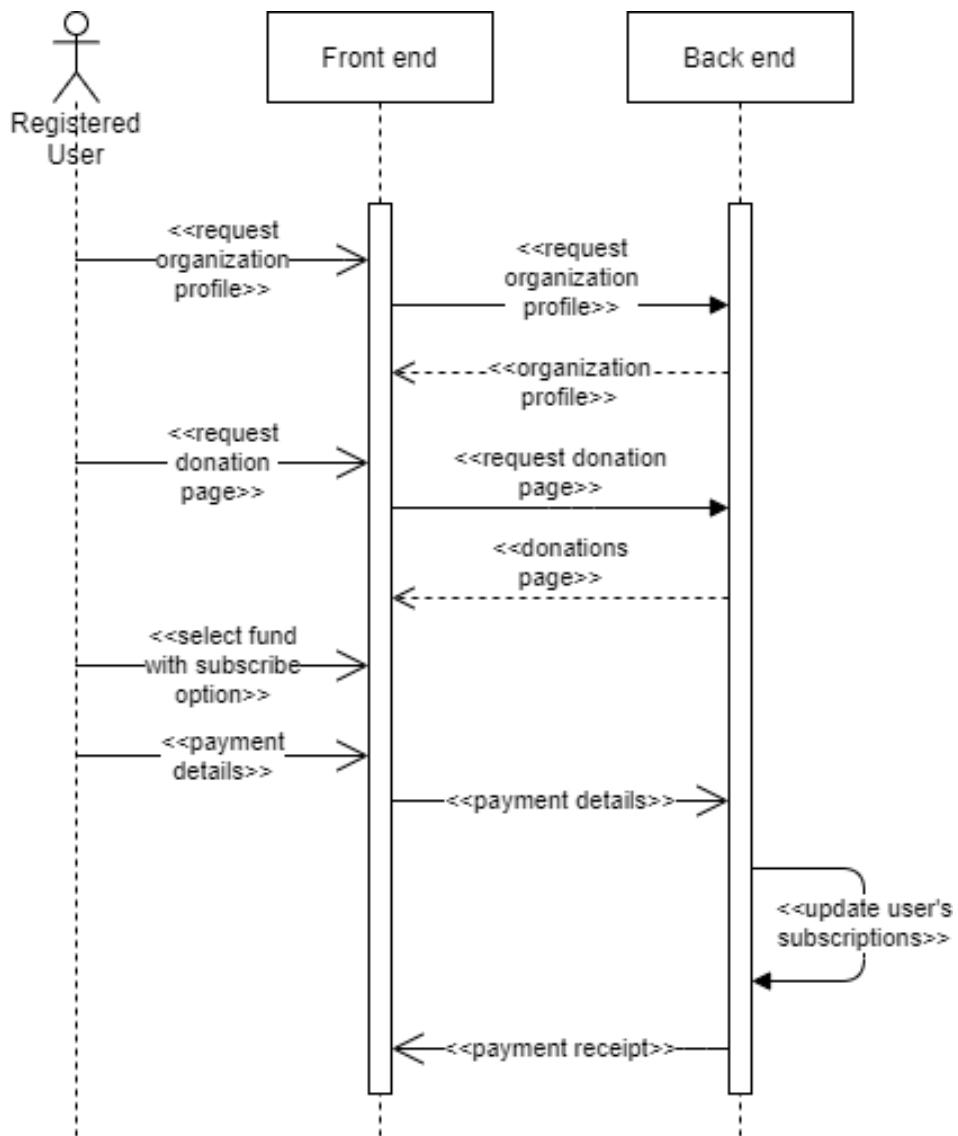


Use case 7 – View adoption request status

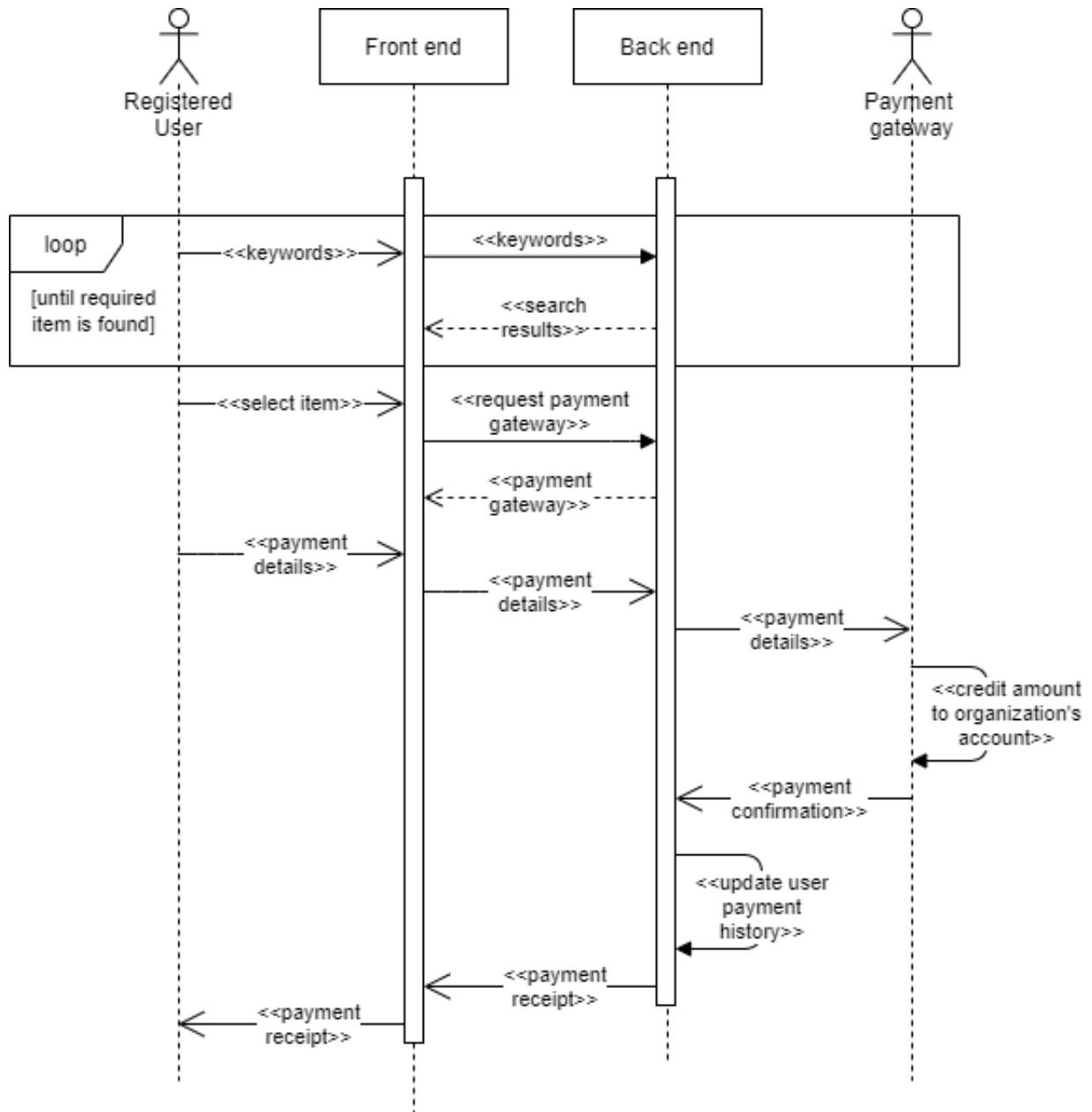




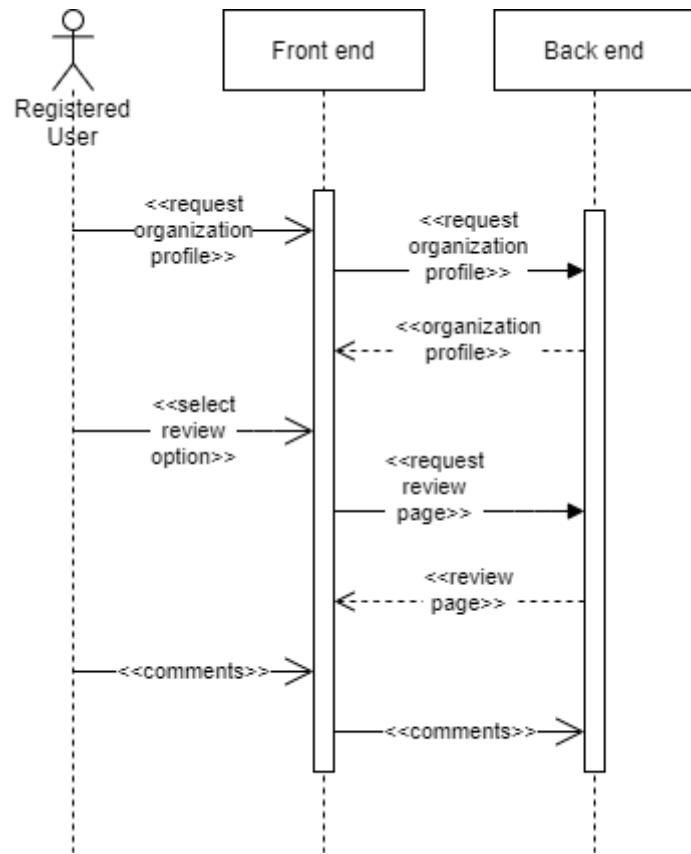
Use case 10 - Subscribe to a sponsorship of an organization



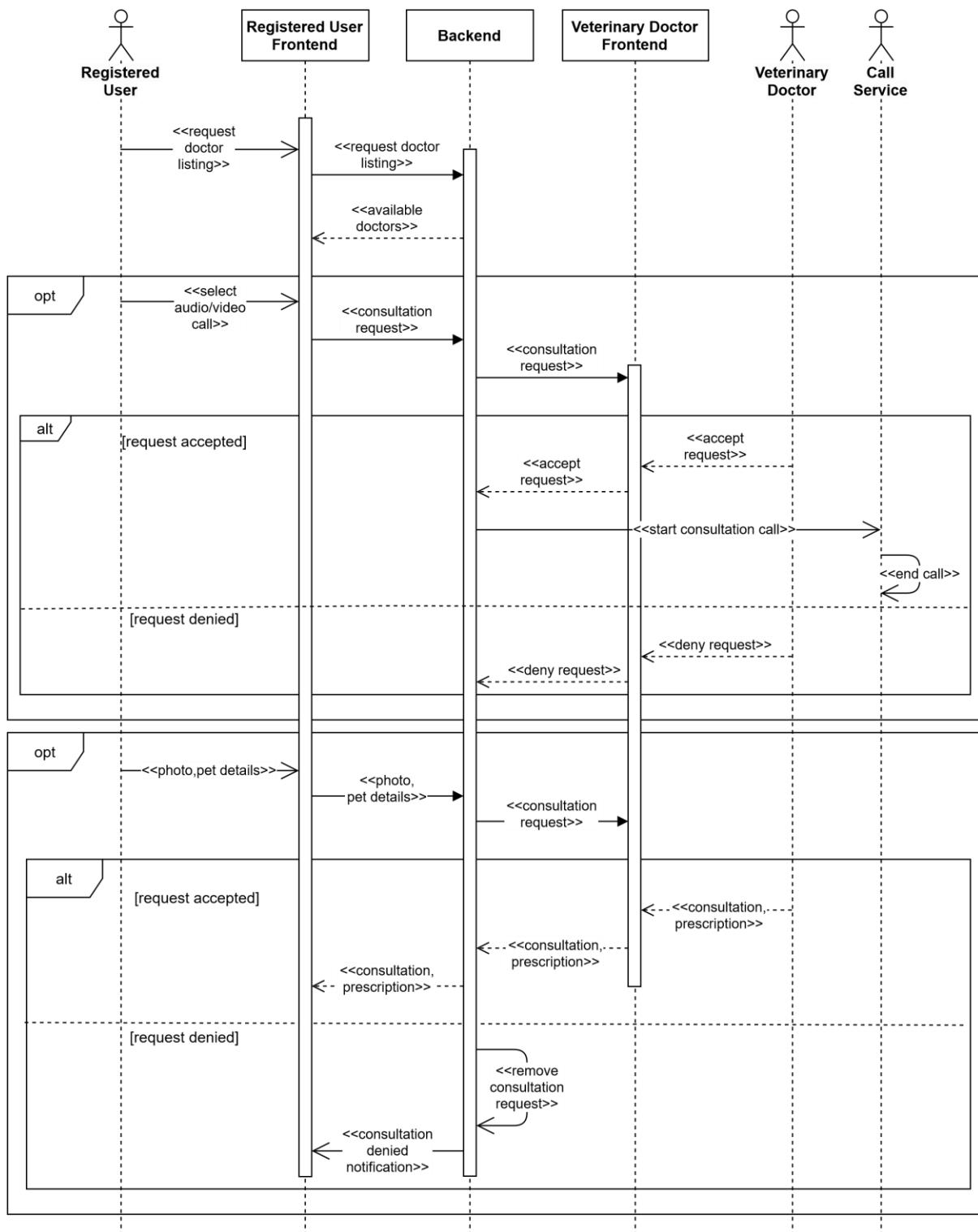
Use case 11 – Buy merchandise



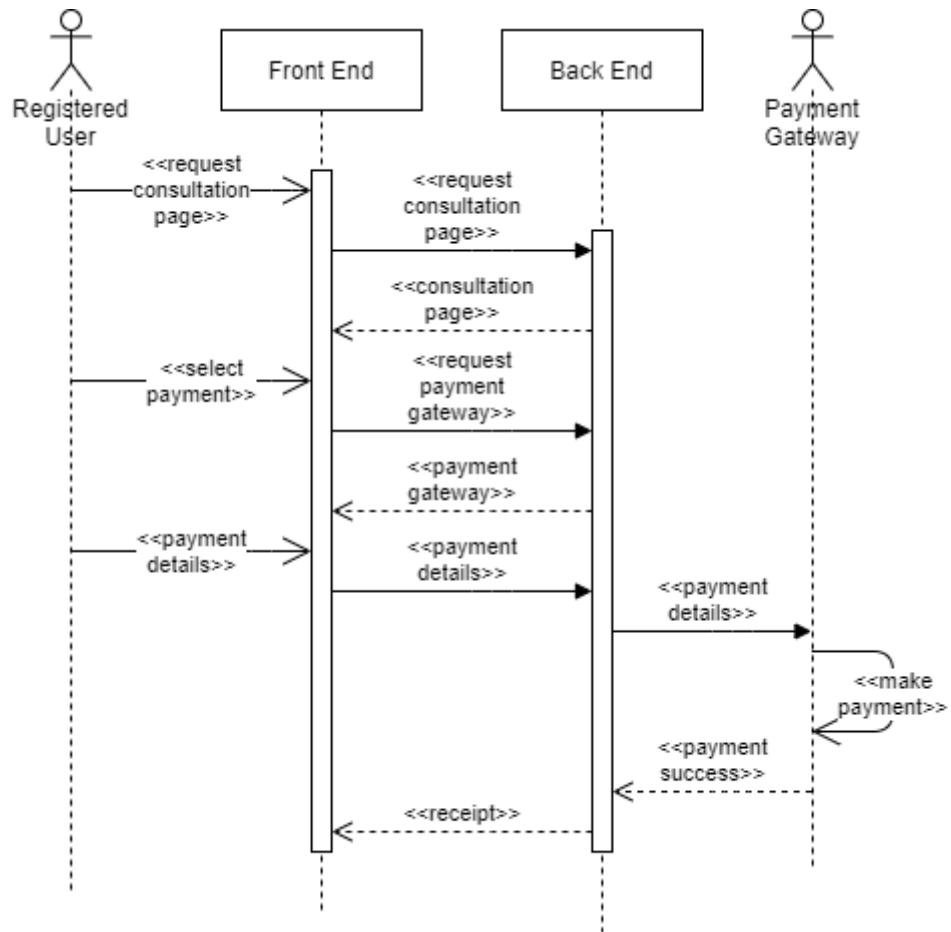
Use case 12 – Review Organization



Use Case 13 – Consult doctor

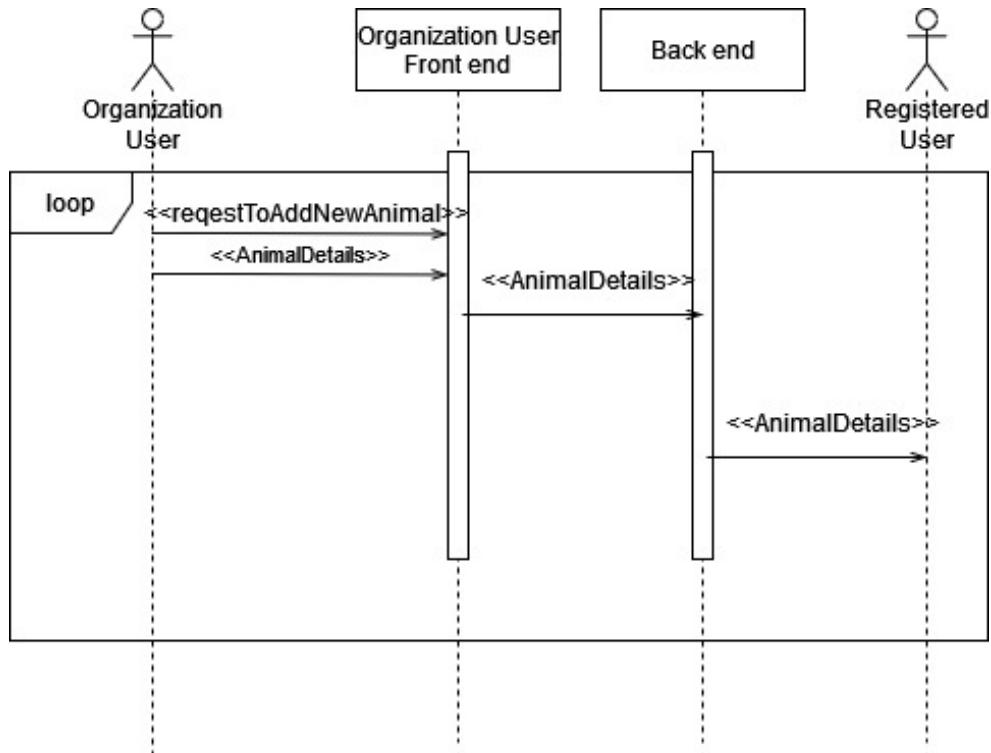


Use case 14 – Pay for consultation

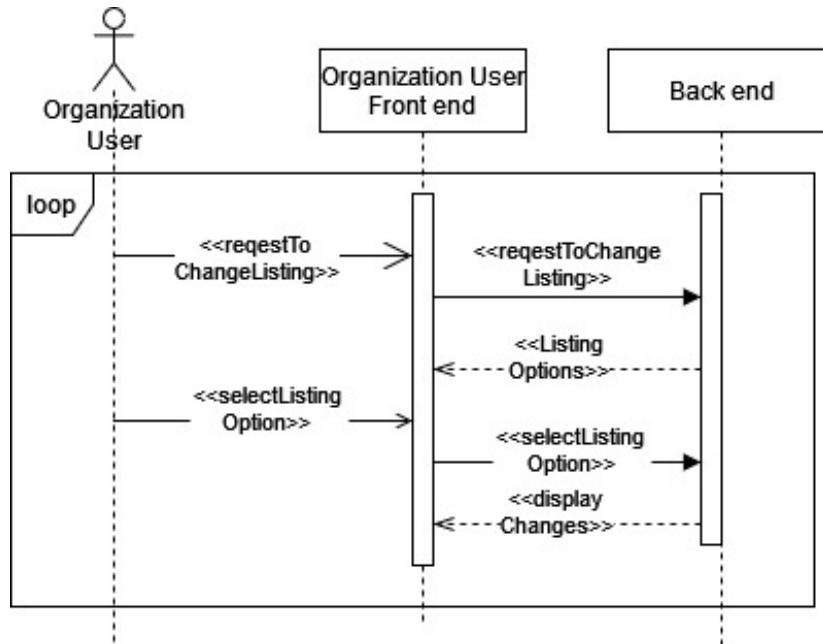


6.3.3 ORGANIZATION USER

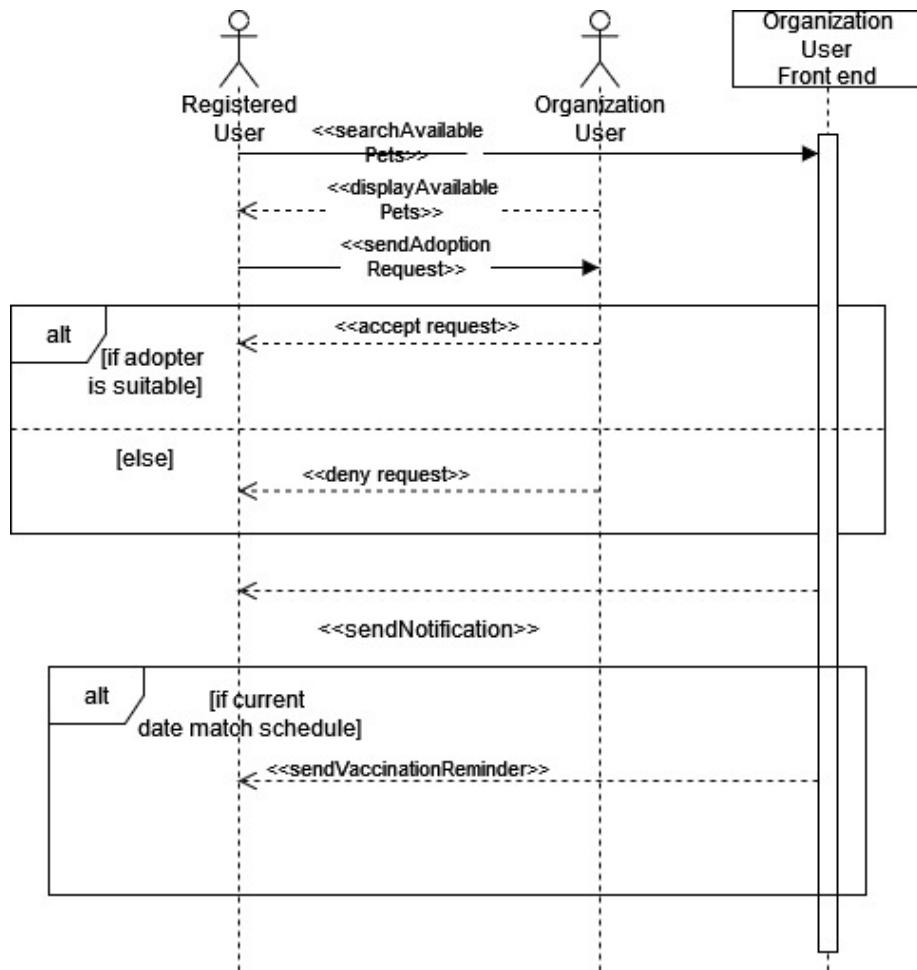
Use case 15 – Put new animals up for adoption



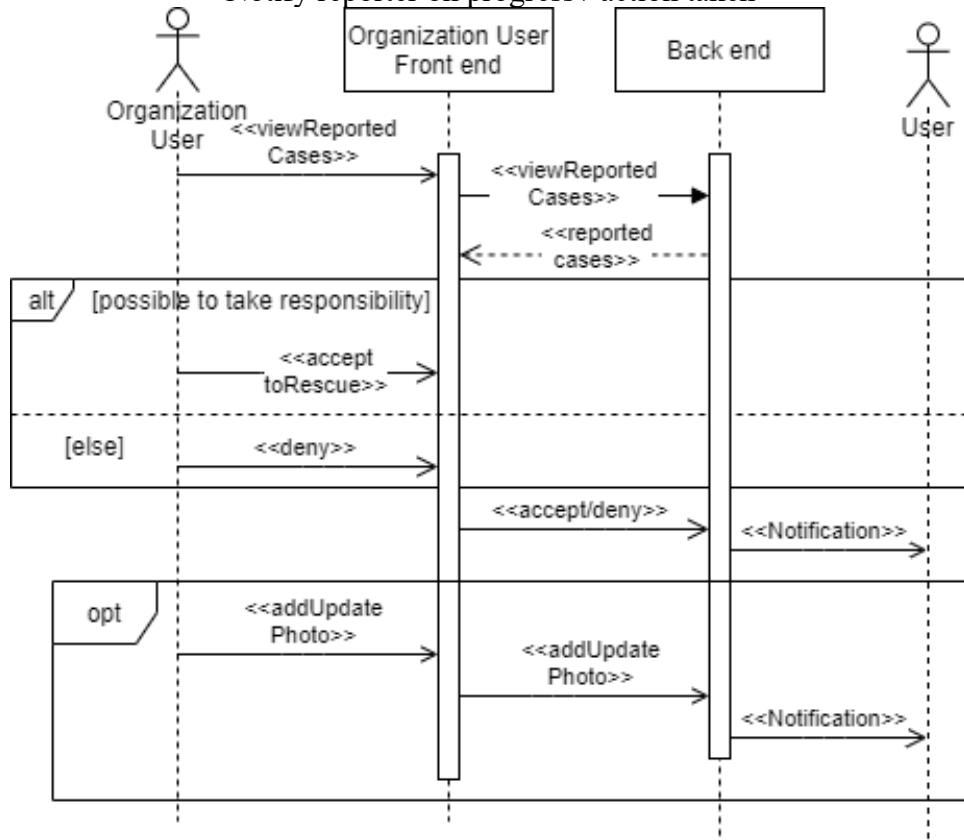
Use case 16 – Change adoption listing settings



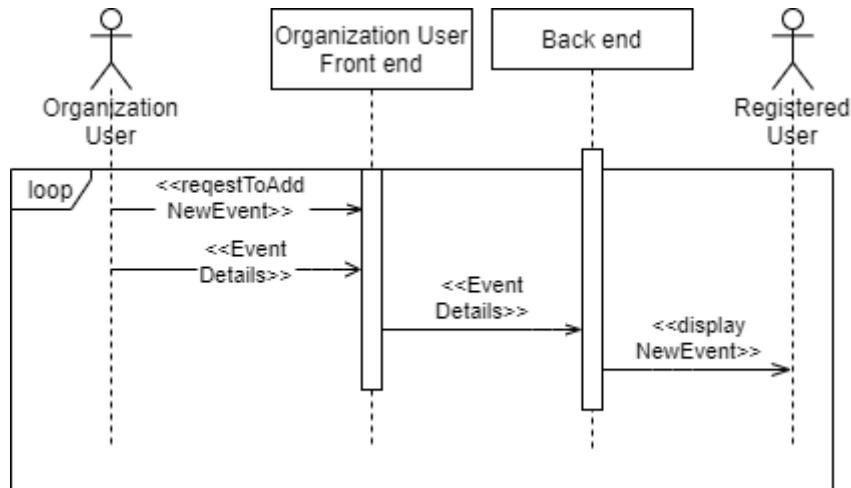
Use case 17, 18, 52 - Approve/ Reject adoption request,
Notify adopters about adoption request, Send vaccination reminders



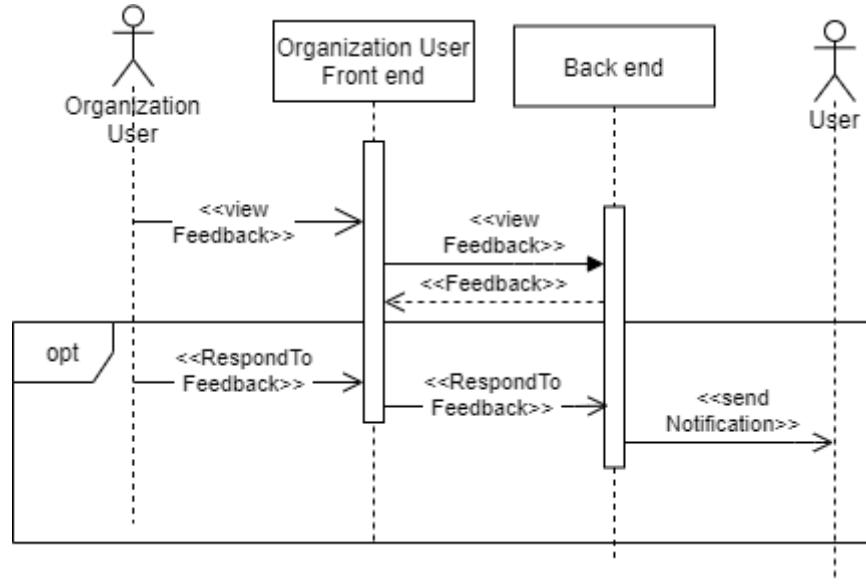
Use case 19, 20 – Respond to reports of abandoned/ injured animals,
Notify reporter on progress / action taken



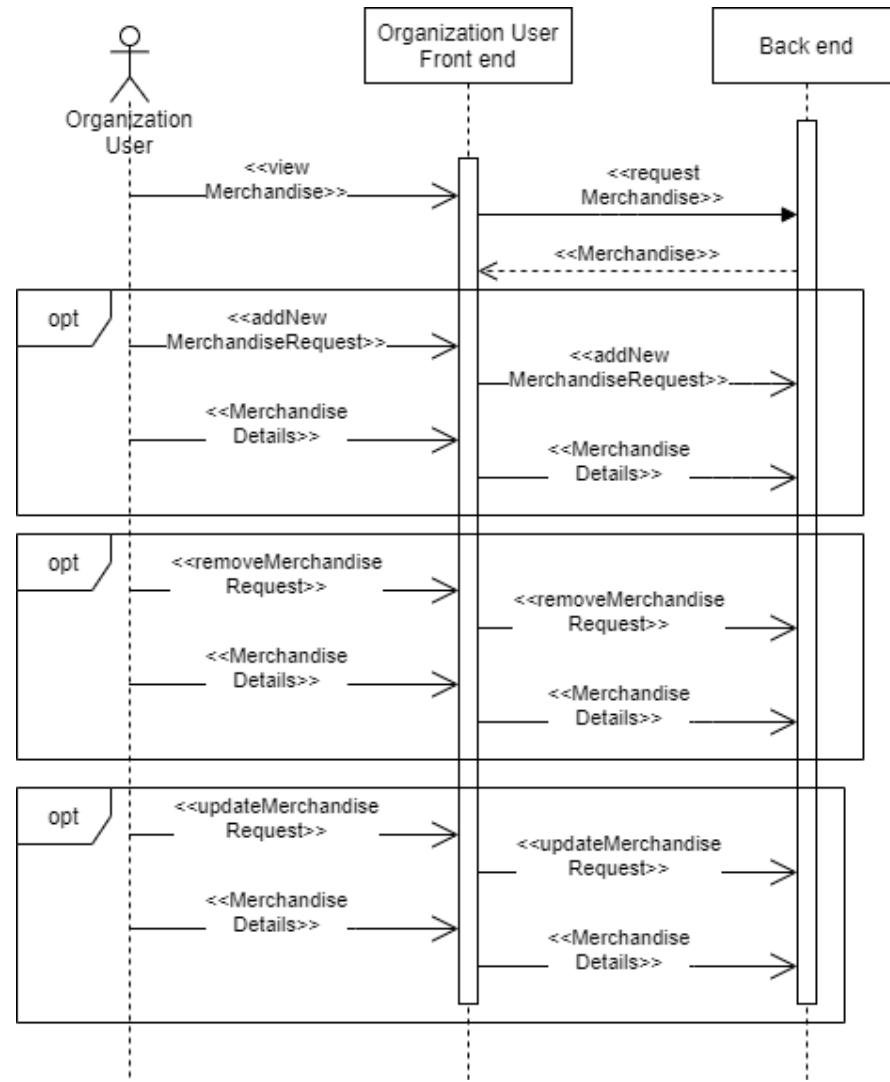
Use case 21 - Post information about events the organization has done



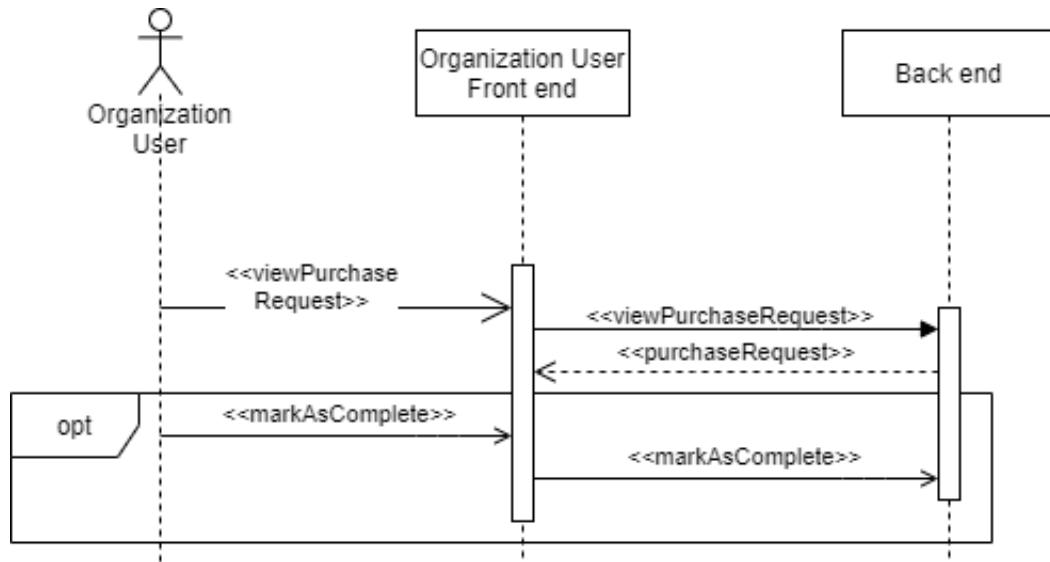
Use case 22 - Respond to reviews / complaints about the organization



Use case 23, 24, 25 – View merchandise items, Add/ remove items for sale, Update items for sale

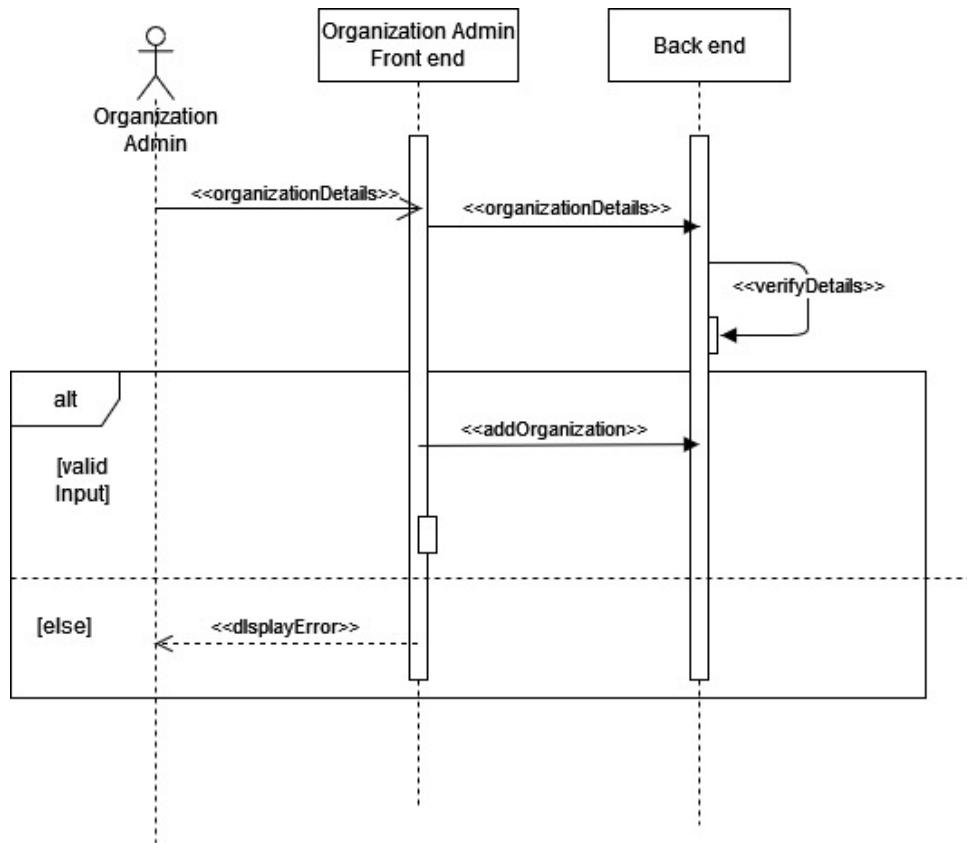


Use case 26 – Handle merchandise purchase orders

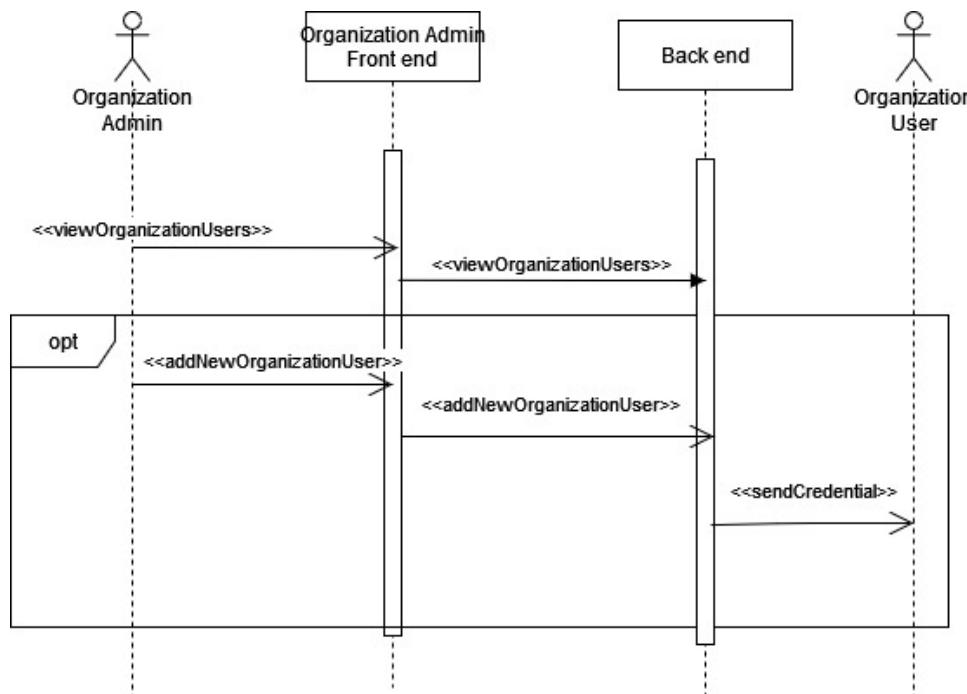


6.3.4 ORGANIZATION ADMINISTRATOR

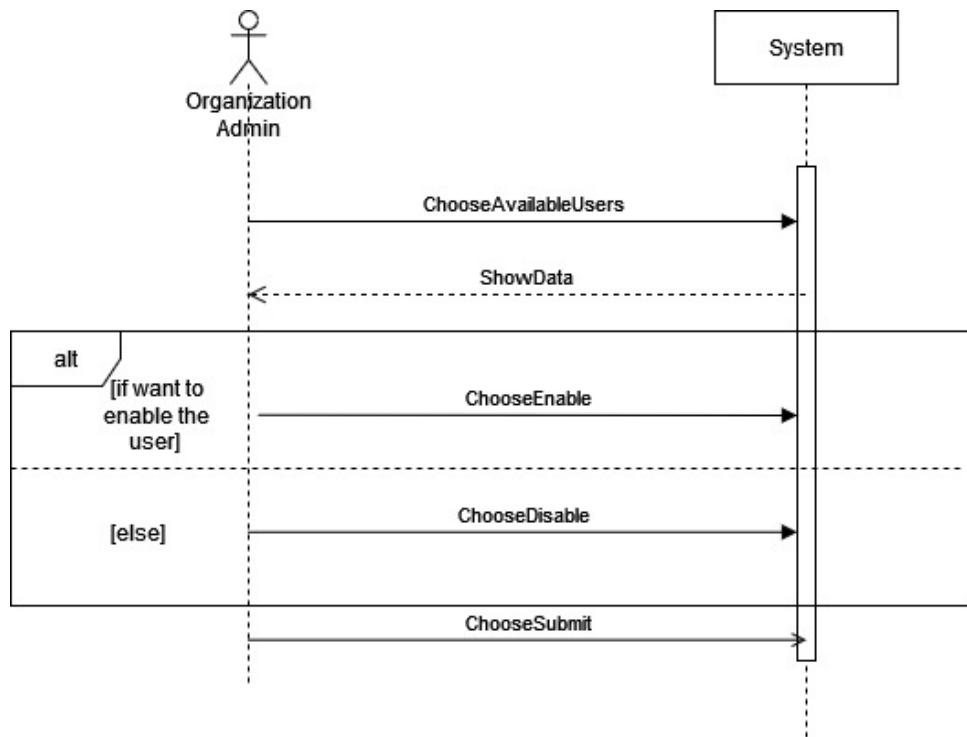
Use case 43 – Register Organization



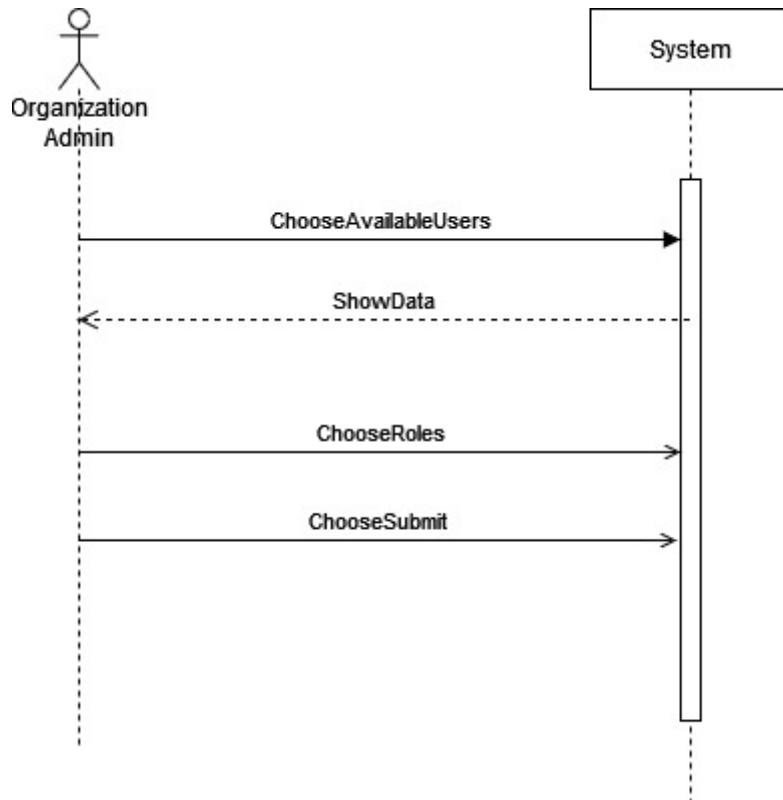
Use case 45/46 – View users of an organization / Create users of an organization



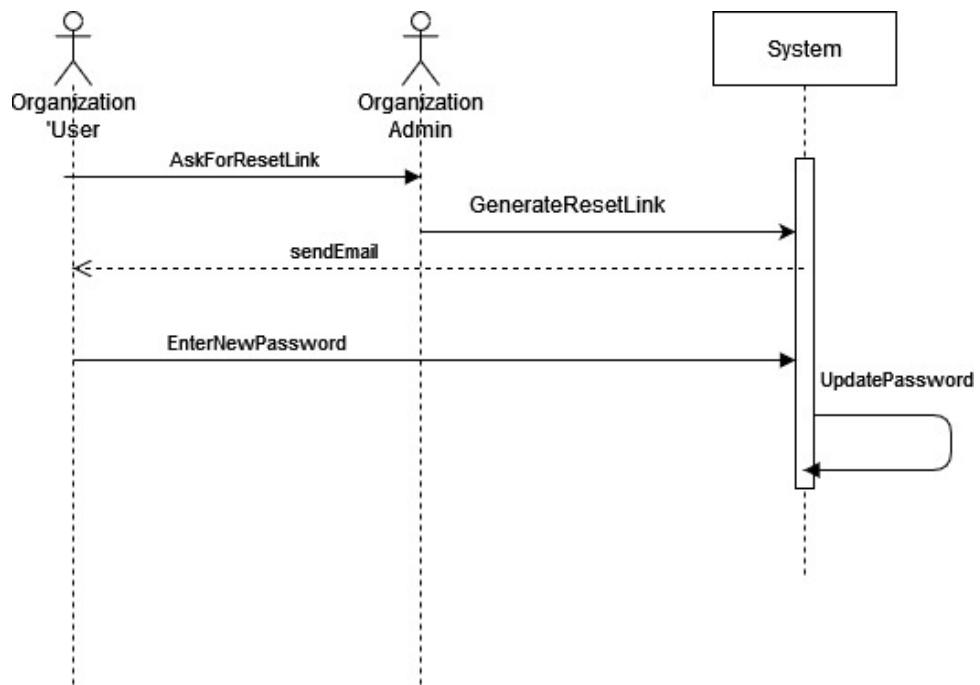
Use case 47 – Disable / Enable User



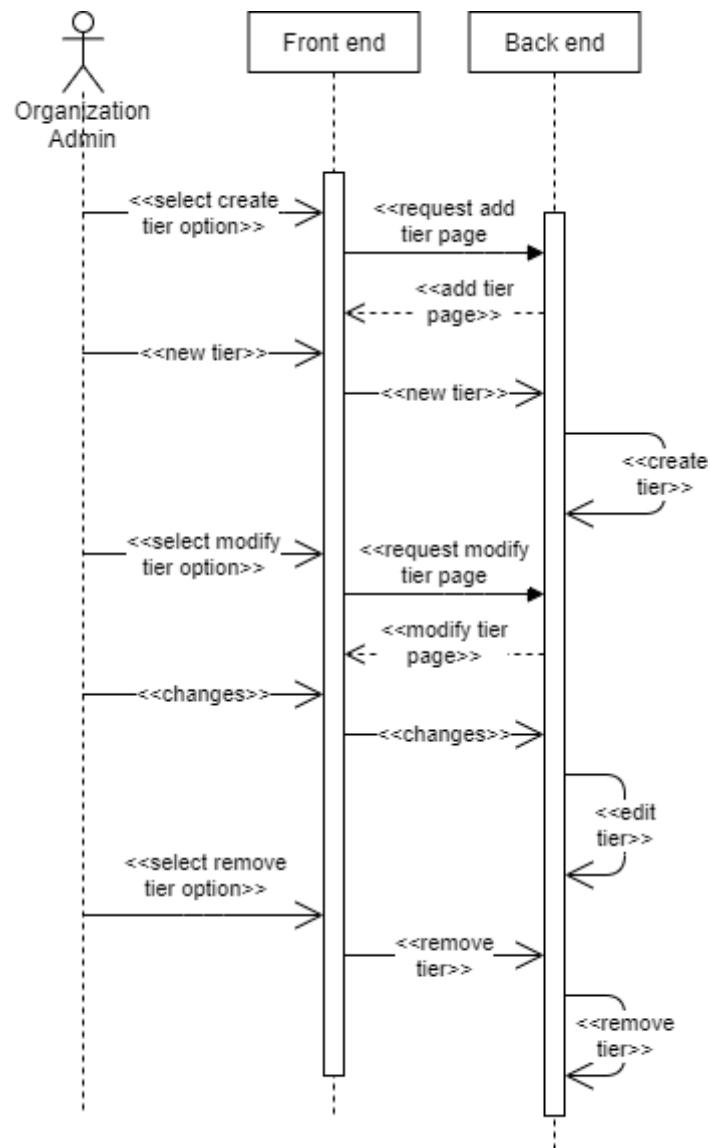
Use case 48 – Assign Roles to Users



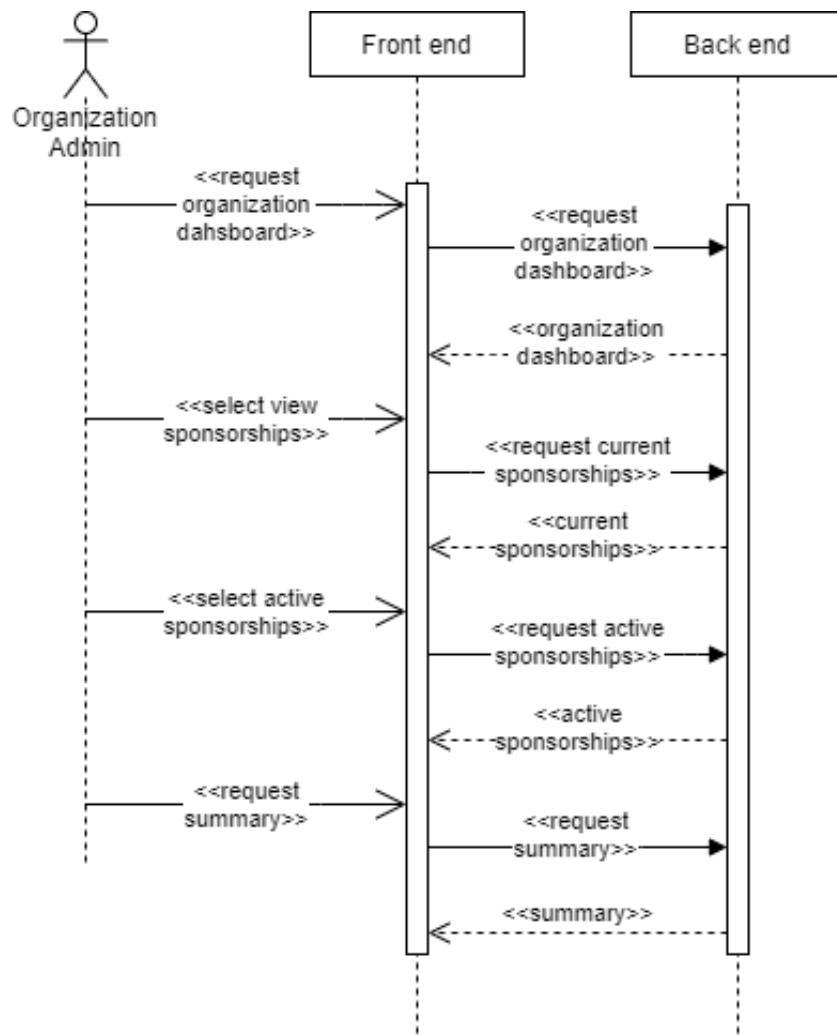
Use case 49 – Reset Password of Organization User



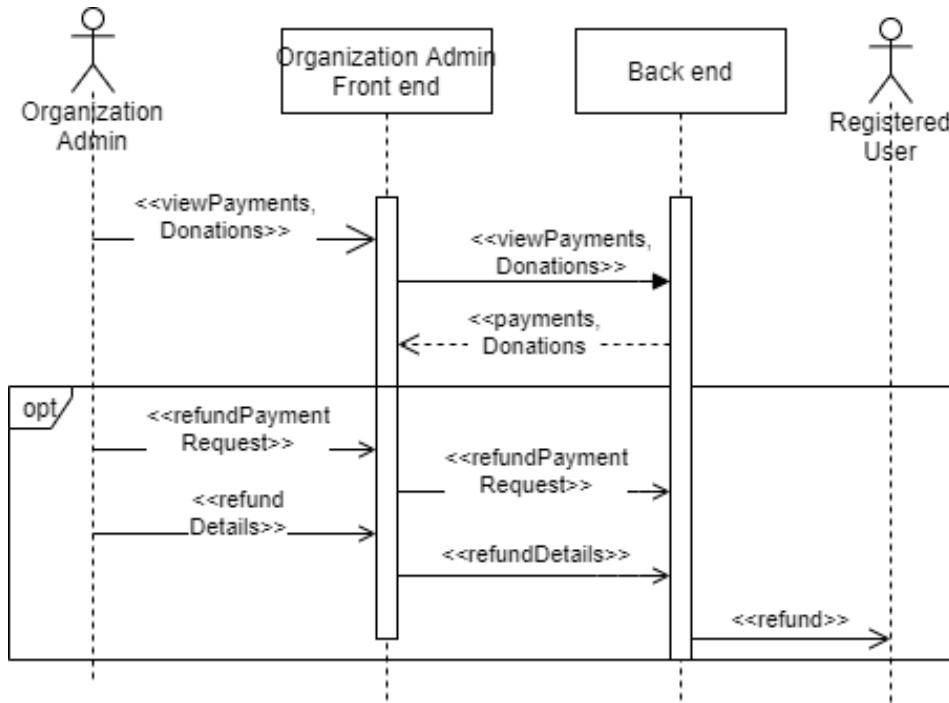
Use case 27 – Maintain sponsorship tiers



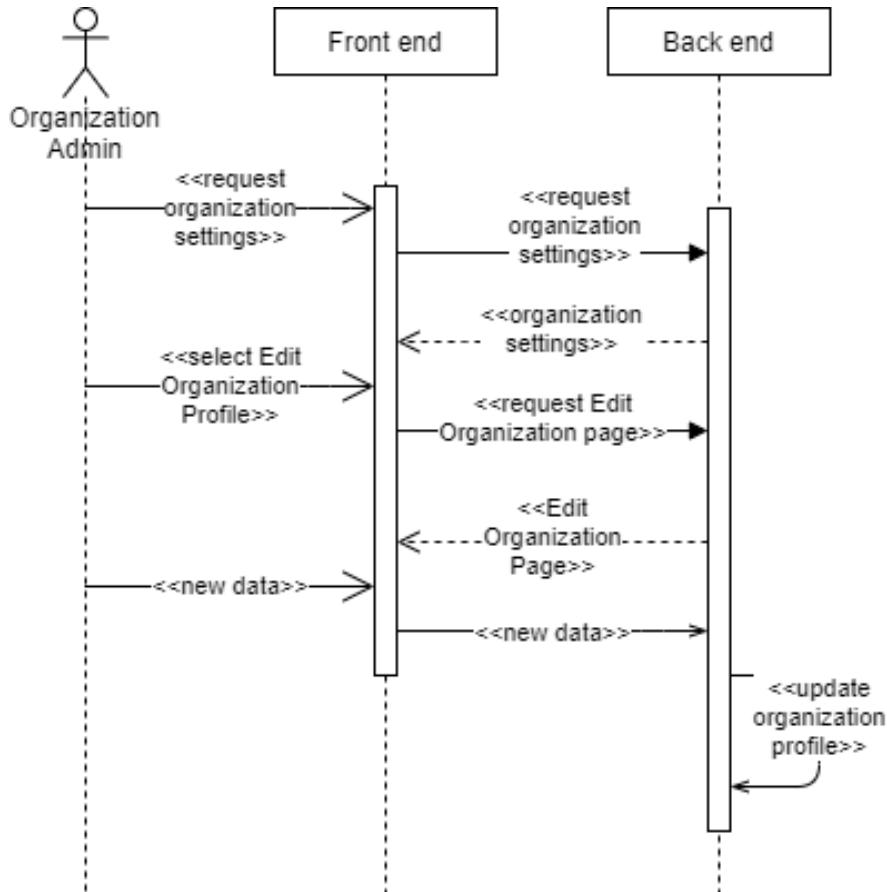
Use case 28 – View active sponsorships



Use case 29, 30 – View payments and donations received, Refund payment

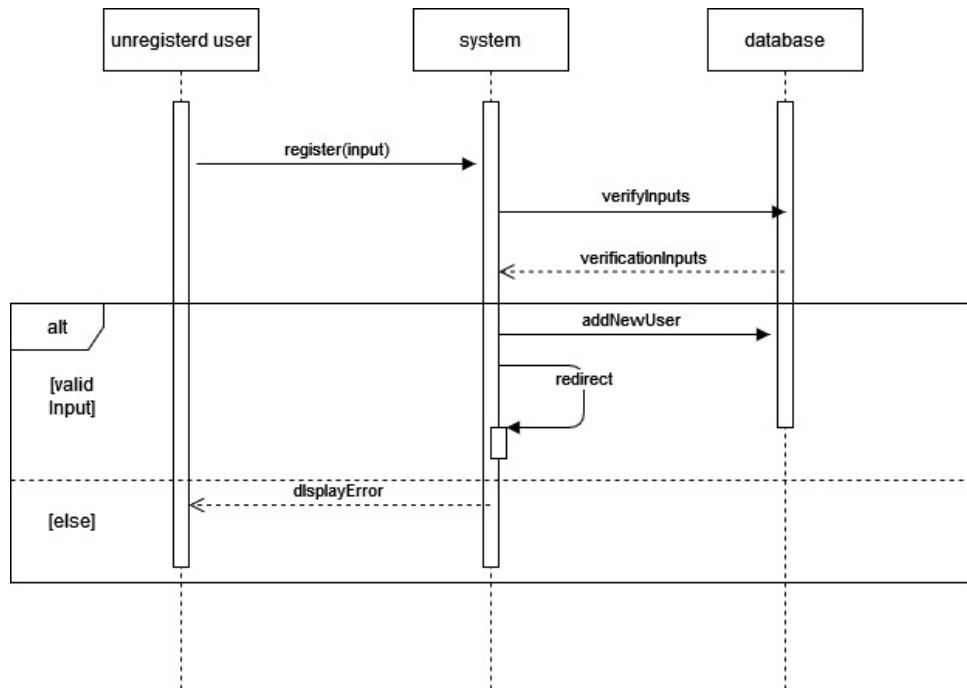


Use case 31 – Maintain vital organization information



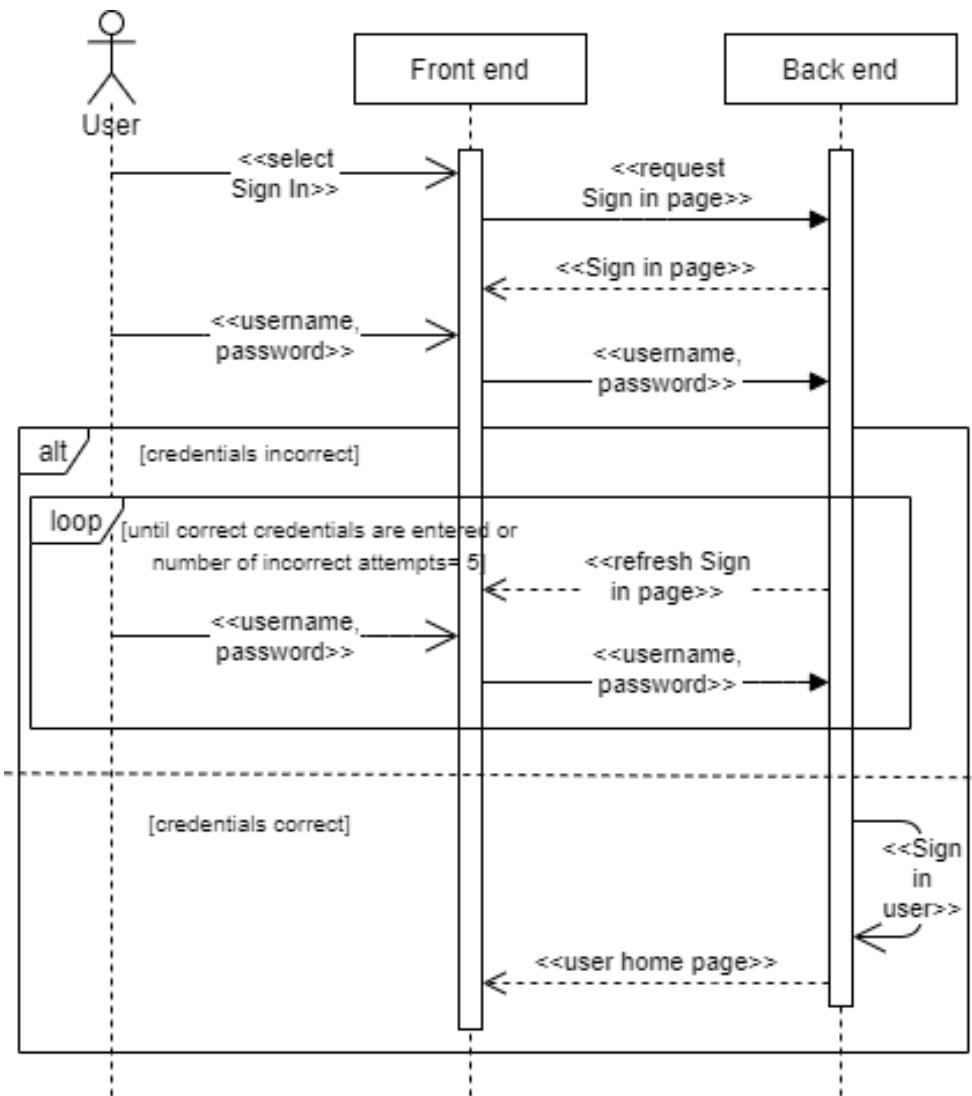
6.3.5 VETERINARY DOCTOR

Use case 44 – Register as a Doctor

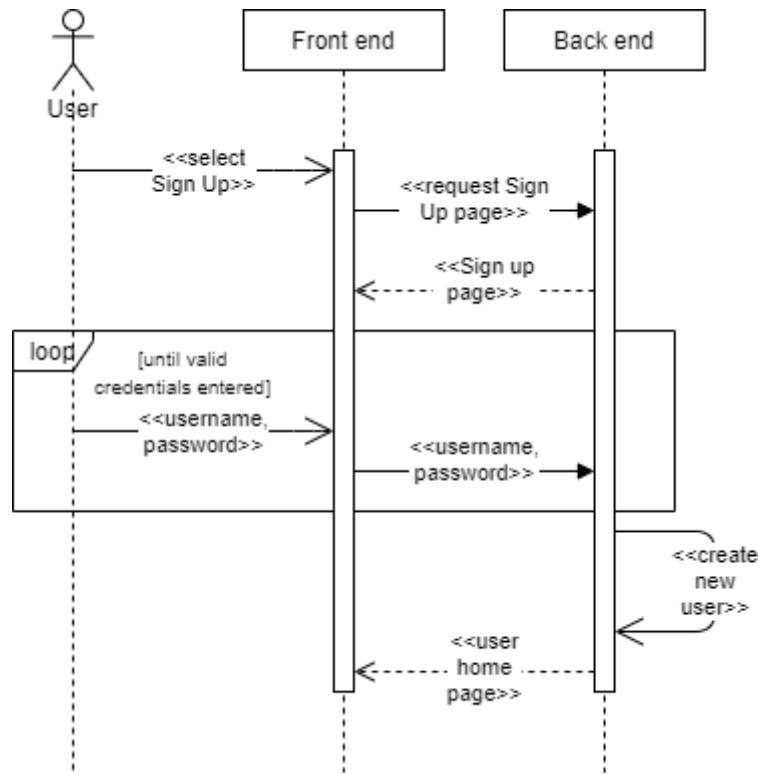


6.3.6 AUTHENTICATION MODULE

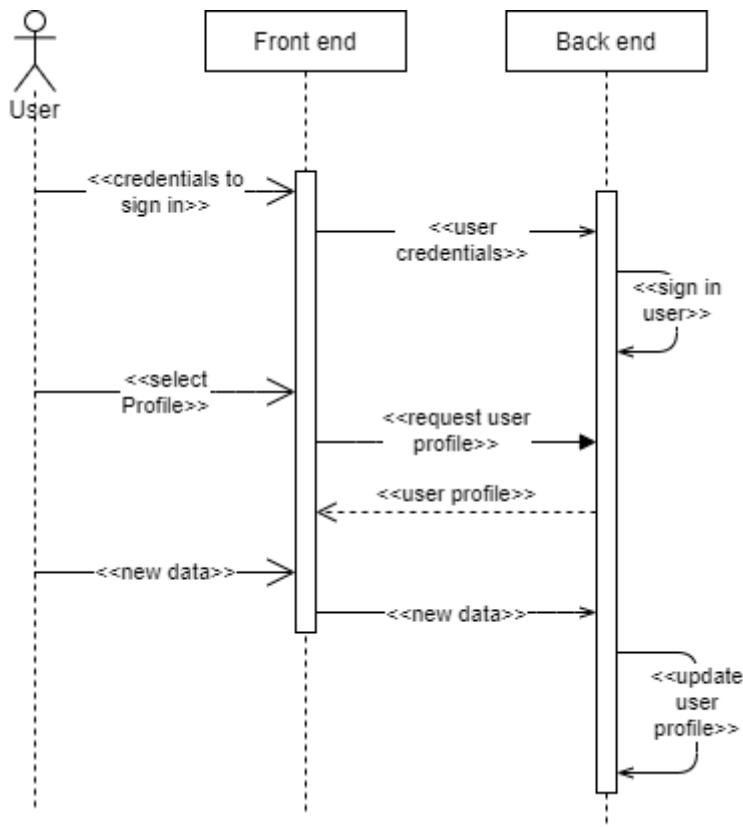
Use case 38 – Sign in



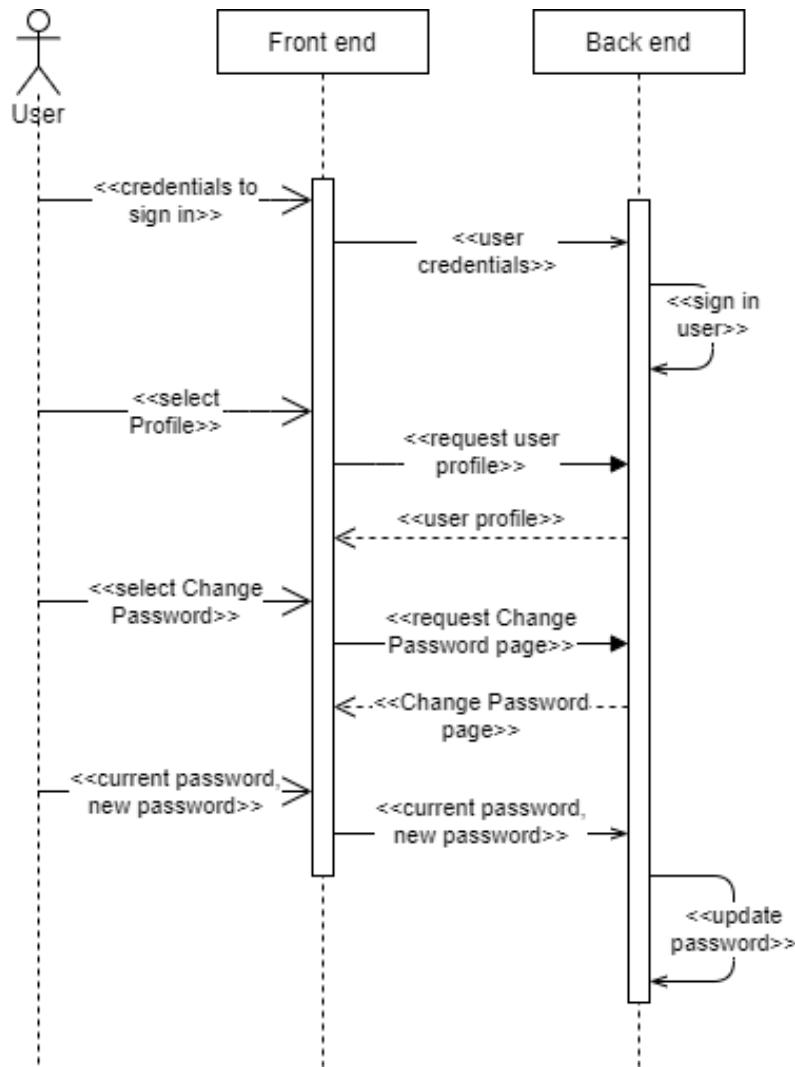
Use case 39 – Sign up



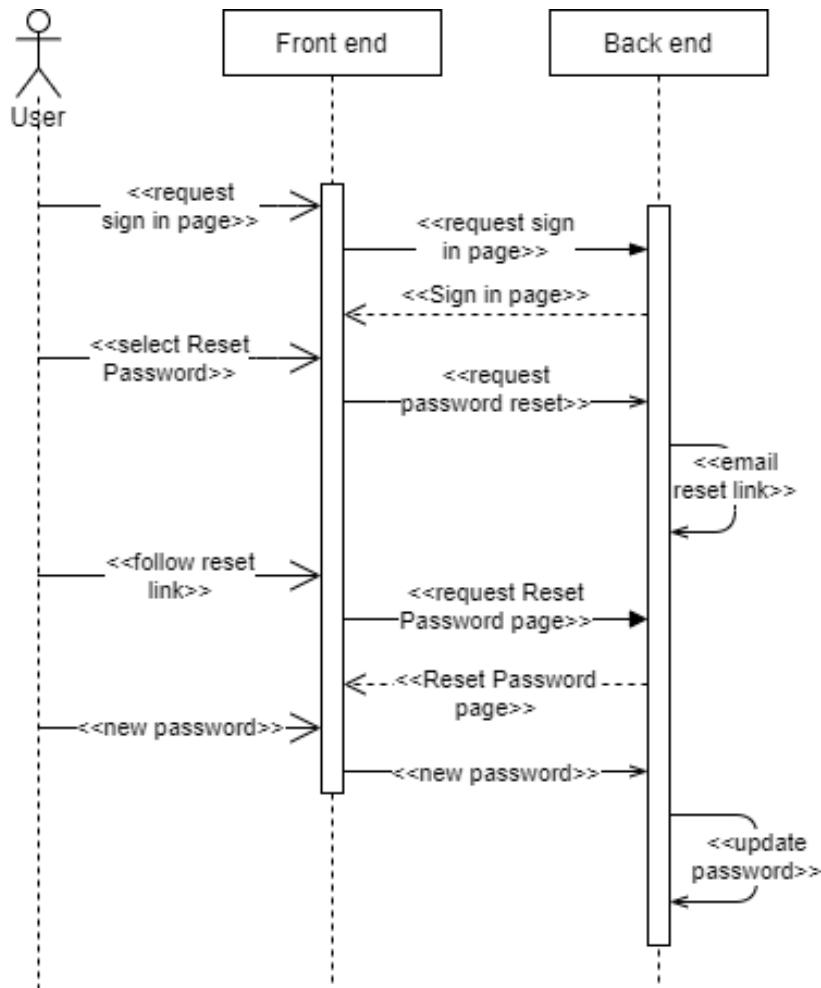
Use case 40 – Update user profile



Use case 41 – Change password



Use case 42 – Reset password



6.4 State Transition Diagrams

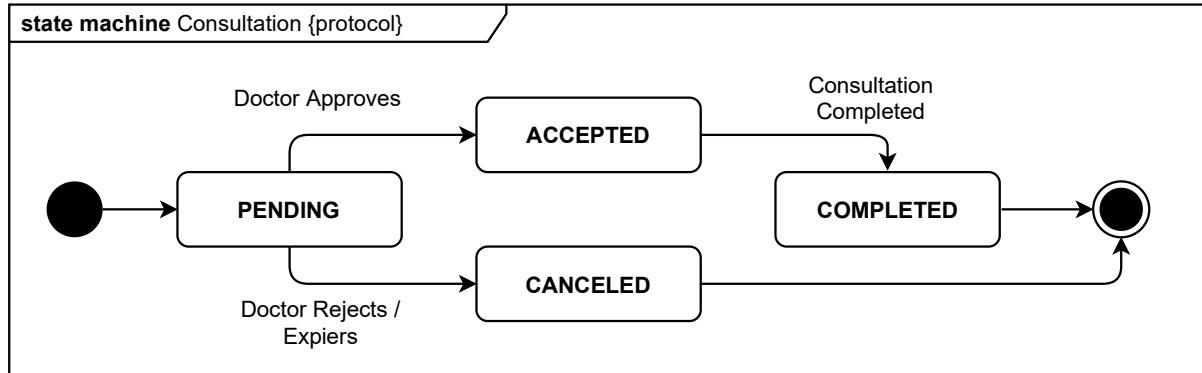


Figure 66: State Machine - Consultation

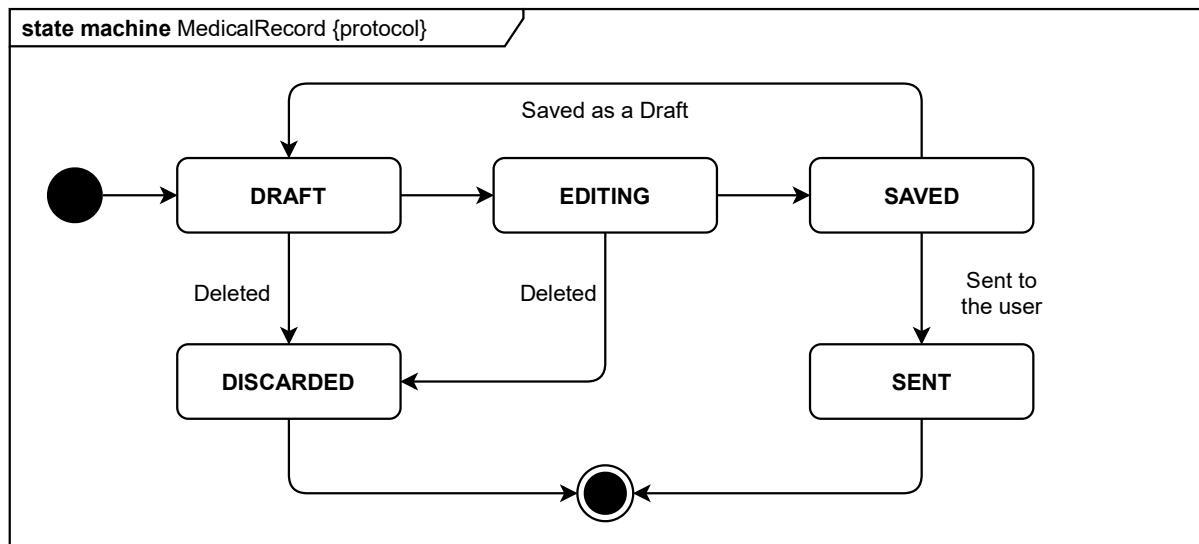


Figure 67: State Machine - Medical Record

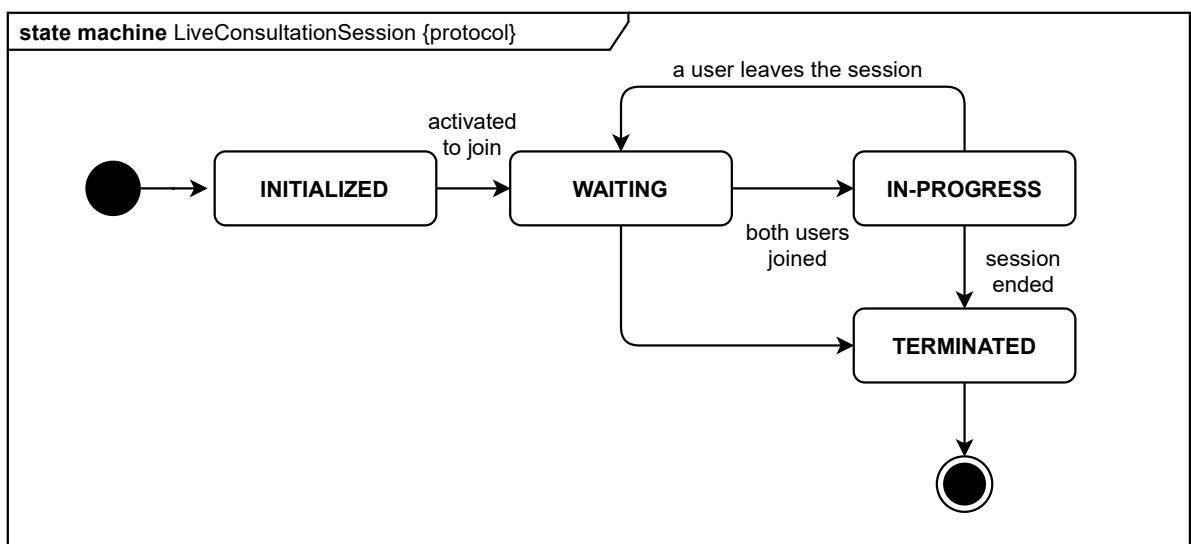


Figure 68: State Machine - Live Consultation Session

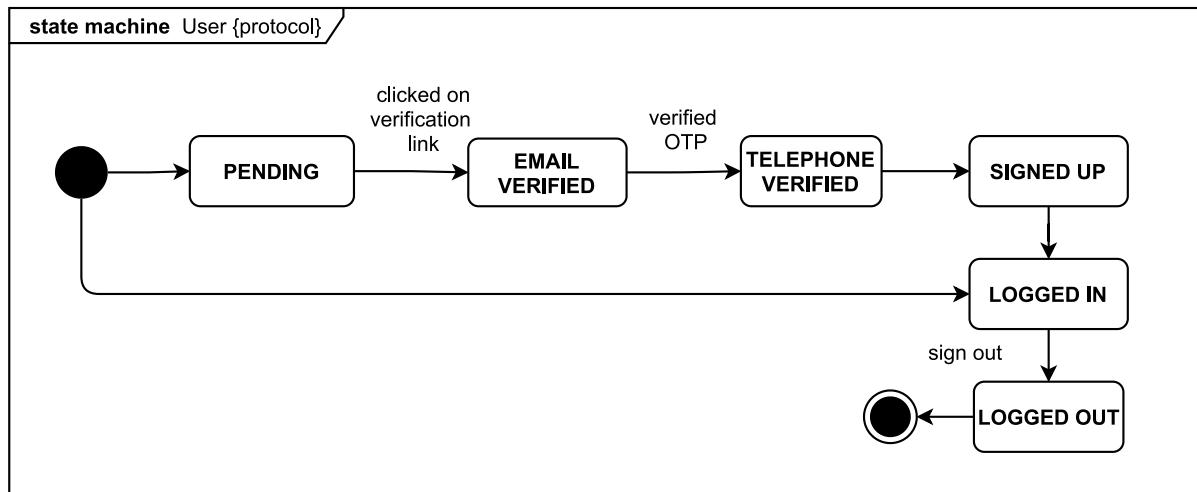


Figure 69: State Machine - User

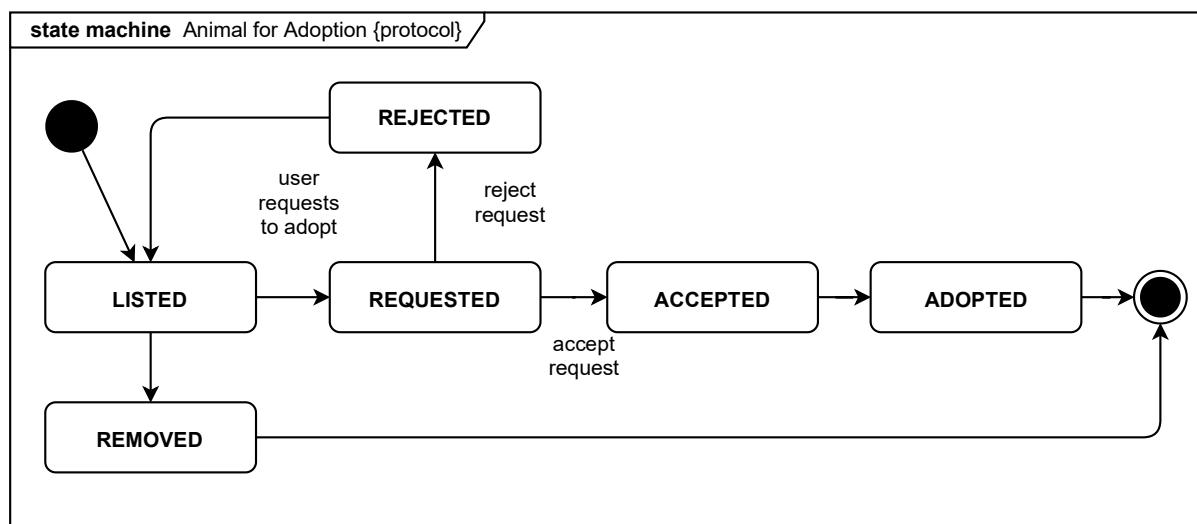


Figure 70: State Machine - Animal for Adoption

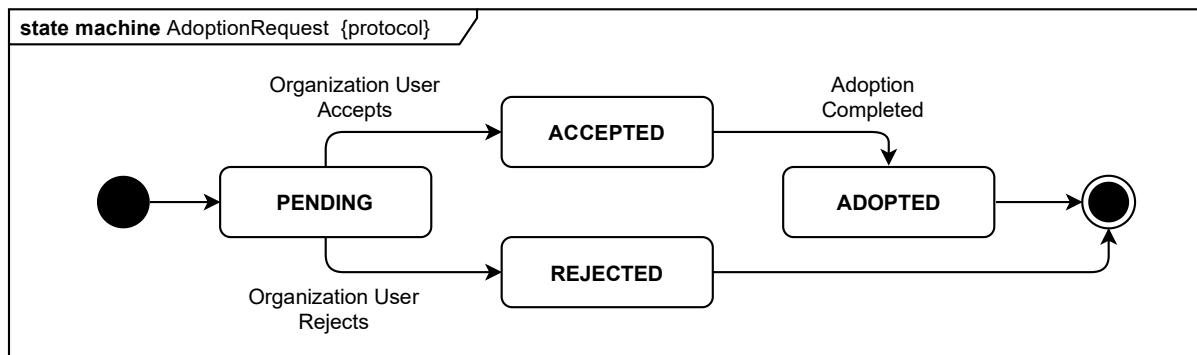


Figure 71: State Machine - Adoption Request

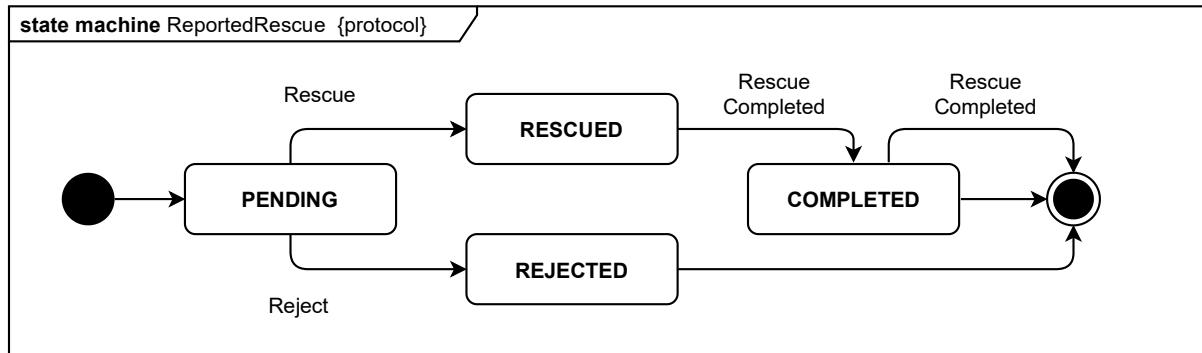


Figure 72: State Machine - Rescue Report

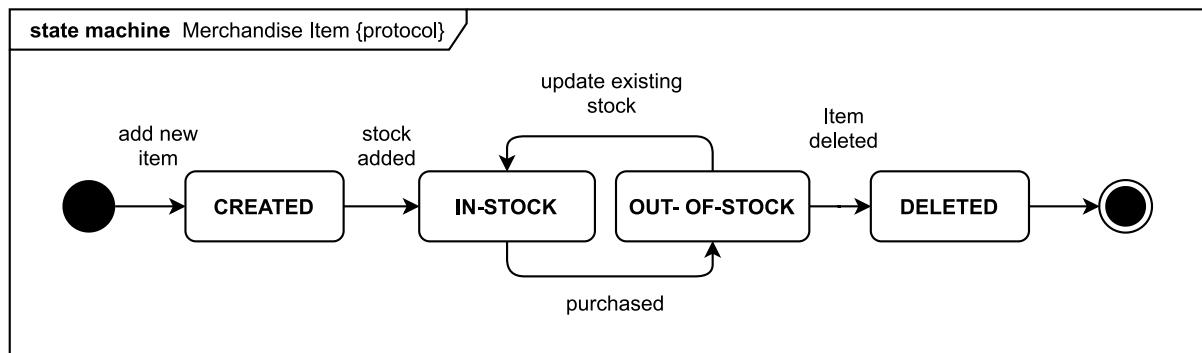


Figure 73: State Machine - Merchandise Item

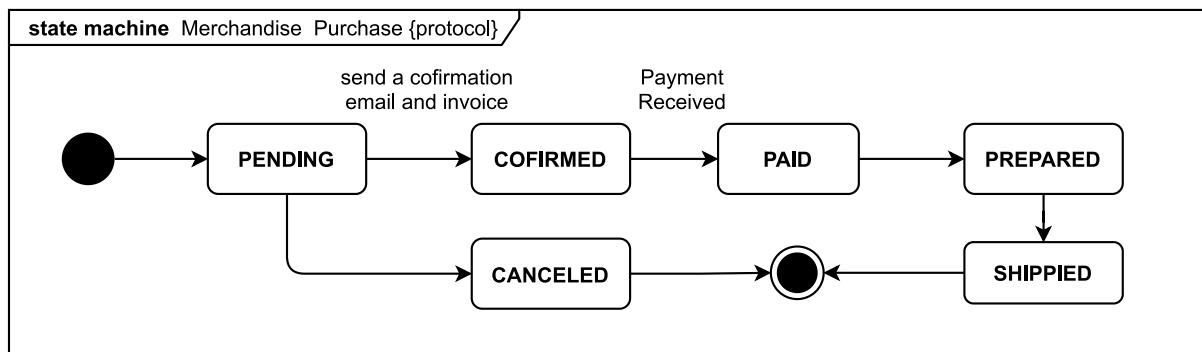
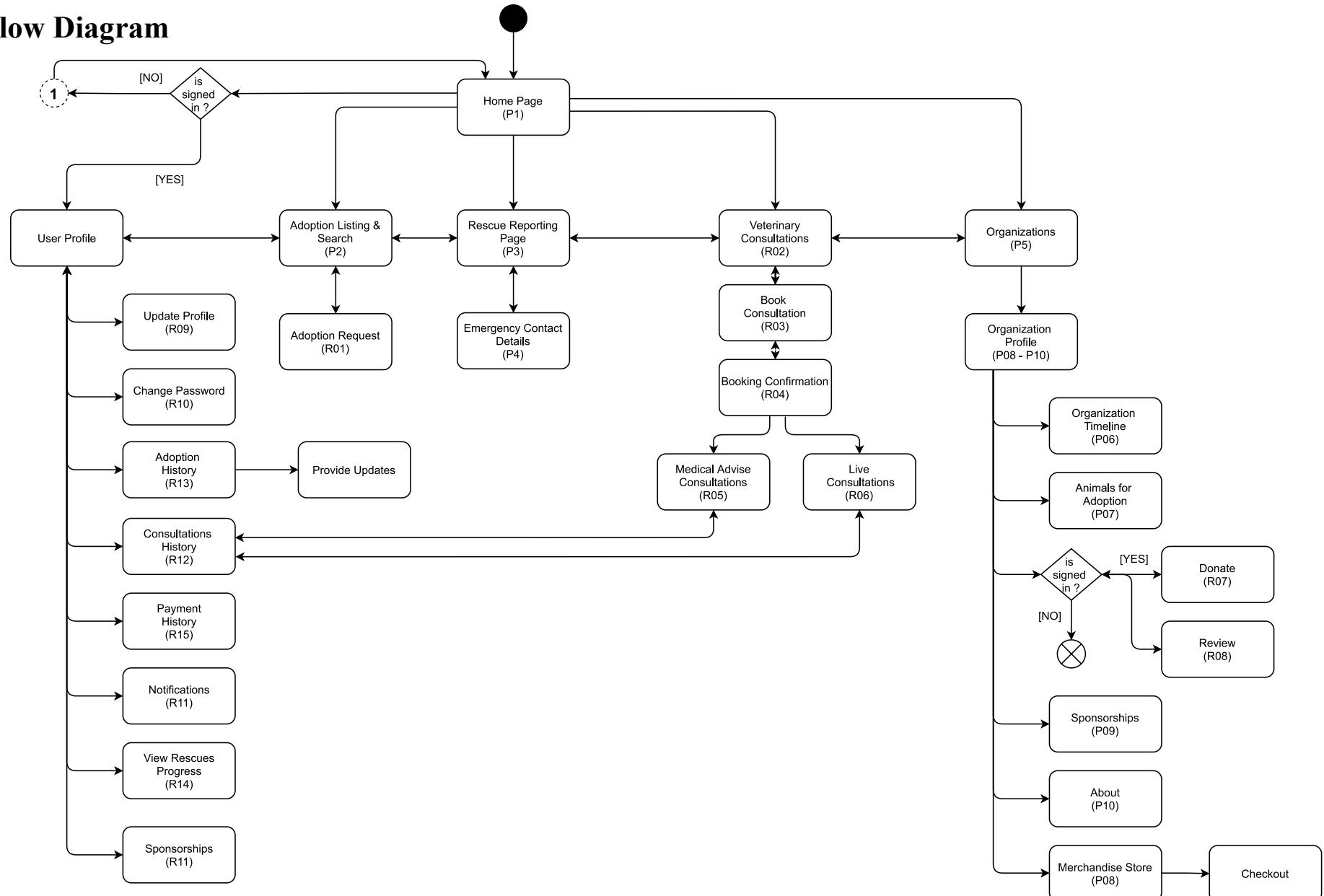
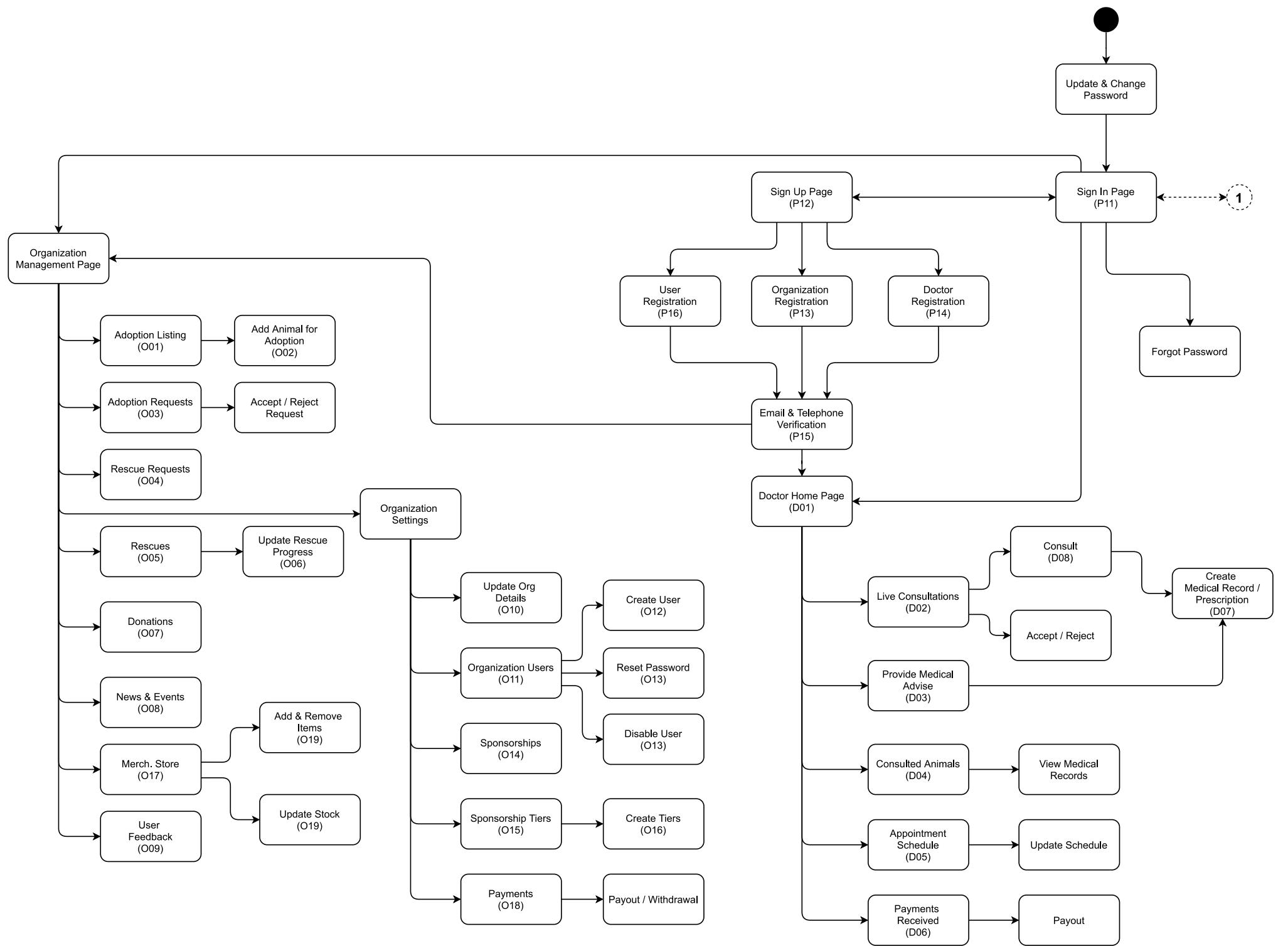


Figure 74: State Machine - Merchandise Purchase

7 USER INTERFACE & FLOW

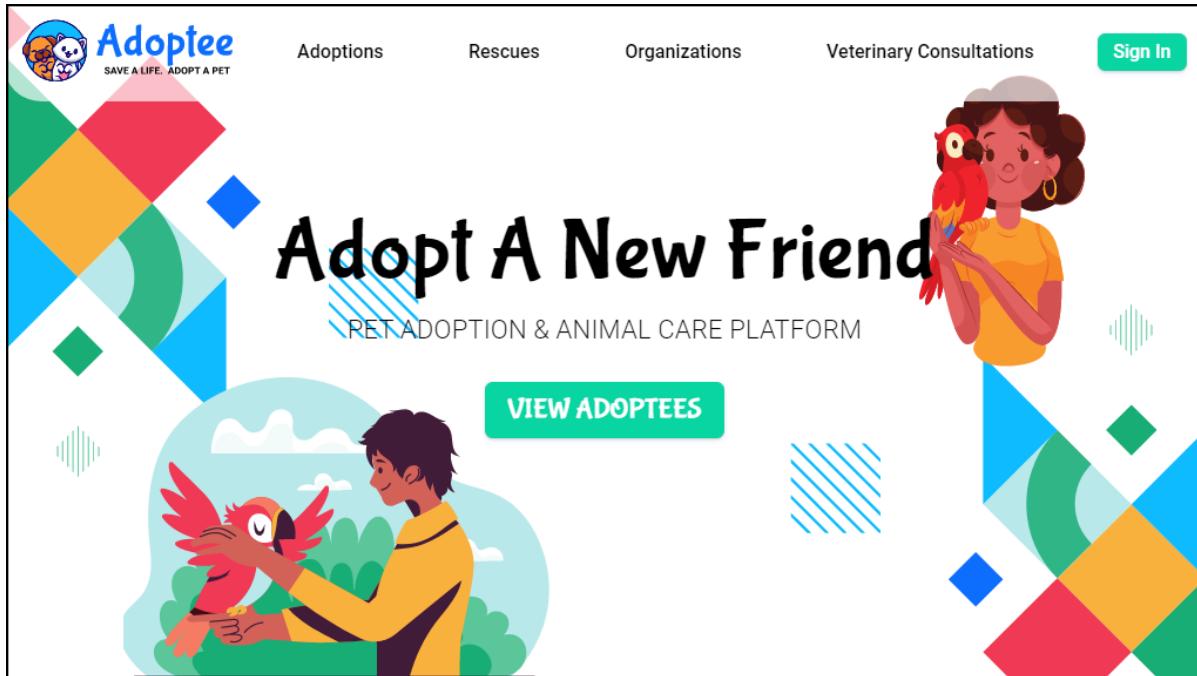
7.1 UI Flow Diagram





7.2 UI Mock-ups

P01 - Home Page



P02 - Adoptions Listing

The Adoptions Listing page shows a grid of eight pet profiles. Each profile includes a photo, the pet's name, age, gender, and shelter information. The left sidebar contains filters for Gender (Male, Female, Any), Age (slider), Animal Type (Dog, Cat, Bird, Other), Color (color swatch), and Organization (Pet Haven, Animal Shelter, Animal Welfare Centre). The top right features a sorting option 'Sort By: Age ASC'.

Profile	Name	Type	Age	Gender	Shelter
	Tigger	Dog	0 years	♀	Pet Haven
	Leo	Dog	6 years	♀	Animal Shelter
	Oliver	Dog	0 years	♀	Pet Haven
	Milo	Dog	2 years	♀	Pet Haven
	Simba	Dog	6 years	♀	Animal Shelter
	Luna	Dog	4 years	♀	Animal Welfare Centre
	Bailey	Dog	6 years	♀	Pet Haven
	Tom	Cat	8 years	♀	Animal Welfare Centre

P03 - Report Rescues



Report Injured Animals

Emergency

Description

Where can we find this animal ?

Contact Number

Animal type

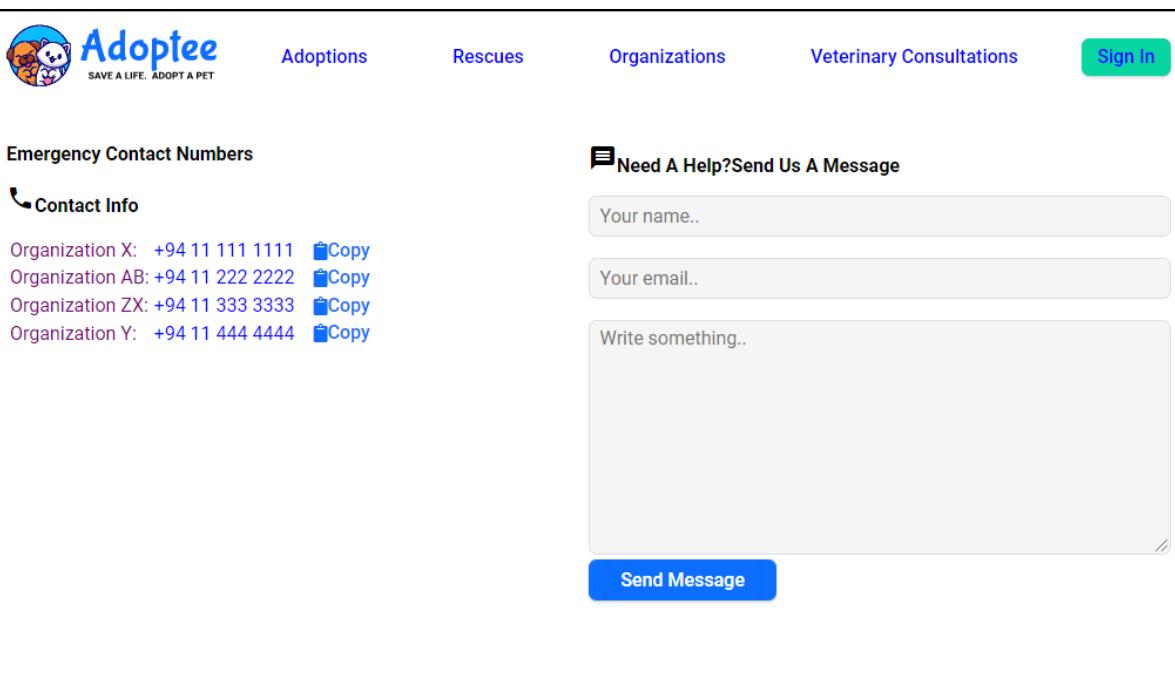
Dog Cat Bird Other

Photos

Choose Files No file chosen

Report

P04 - Rescues Emergency



Emergency Contact Numbers

Contact Info

Organization X: +94 11 111 1111 [Copy](#)
 Organization AB: +94 11 222 2222 [Copy](#)
 Organization ZX: +94 11 333 3333 [Copy](#)
 Organization Y: +94 11 444 4444 [Copy](#)

Need A Help? Send Us A Message

Your name..

Your email..

Write something..

Send Message

P05 - Org Listing

The screenshot shows a grid of three organization profiles. Each profile card has a logo placeholder (labeled 'LOGO'), a title, a brief description, and a 'View Profile' button.

Pet Haven	Animal Shelter	Animal Welfare Centre
Help an animal in need	Save a Pet	Give a pet a home
View Profile	View Profile	View Profile

P06 - Org Profile

The screenshot shows the detailed profile of 'Pet Haven'. It includes a logo, the organization's name, a brief description, and two call-to-action buttons ('Donate' and 'Review'). Below this, a timeline section displays two posts: 'Clinic' and 'Vaccination Program', each with a photo placeholder and a short description.

Timeline	For Adoption	Merchandise	Sponsorships	About
Clinic 2021-09-19 PHOTO Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent faucibus justo eget libero sodales, ac hendrerit est scelerisque. Ut cursus ante bibendum ante molestie, a varius nisl sodales.				
Vaccination Program 2021-09-19 PHOTO Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent faucibus justo eget libero sodales, ac hendrerit est scelerisque. Ut cursus ante bibendum ante molestie, a varius nisl sodales.				

P07 - Org Profile - Adoptions

The screenshot shows the 'Pet Haven' organization profile on the 'Adoptions' tab. At the top, there's a logo with two cartoon animals, a blue cat and a white dog, and the text 'Adoptee' with the tagline 'SAVE A LIFE. ADOPT A PET'. Navigation links include 'Adoptions', 'Rescues', 'Organizations', 'Veterinary Consultations', and a green 'Sign In' button. Below the header, the organization name 'Pet Haven' and its tagline 'Help an animal in need' are displayed. There are two green buttons: 'Donate' and 'Review'. A navigation bar below shows tabs for 'Timeline', 'For Adoption' (which is selected), 'Merchandise', 'Sponsorships', and 'About'. Four dog profiles are listed in a grid:

Image	Name	Type	Age	Gender
	Tigger	Dog	Undefined	♀
	Oliver	Dog	Undefined	♀
	Milo	Dog	Undefined	♀
	Bailey	Dog	Undefined	♀

P08 - Org Profile - Merchandise

The screenshot shows the 'Pet Haven' organization profile on the 'Merchandise' tab. The layout is identical to P07, with the 'Adoptions' tab at the top. The 'Merchandise' tab is selected. Three t-shirt products are displayed in a grid:

Image	Name	Price	Add
	Adopted Me T-Shirt	Rs. 2000	
	Adopted Me T-Shirt	Rs. 2000	
	Adopted Me T-Shirt	Rs. 2000	

P09 - Org Profile - Sponsorship

The screenshot shows the Adoptee app's organization profile for "Pet Haven". At the top, there is a navigation bar with links for "Adoptions", "Rescues", "Organizations", "Veterinary Consultations", and a "Sign In" button. Below the navigation bar, the organization's logo is displayed, followed by its name "Pet Haven" and the tagline "Help an animal in need". There are two green buttons: "Donate" and "Review". A horizontal menu bar below the logo includes "Timeline", "For Adoption", "Merchandise", "Sponsorships" (which is underlined, indicating it is the active tab), and "About". Under the "Sponsorships" tab, a table lists three sponsorship tiers: Bronze, Gold, and Silver, along with their respective amounts and recurring days. The table also includes a column for descriptions.

ORGANIZATION	TIER	AMOUNT	RECURRING DAYS	DESCRIPTION
Pet Haven	Bronze	Rs.1000	30	Funds are allocated for food
Pet Haven	Gold	Rs.5000	30	Funds are allocated for veterinary needs
Pet Haven	Silver	Rs.2500	30	Funds are allocated for veterinary needs

P10 - Org Profile - About

The screenshot shows the Adoptee app's organization profile for "Pet Haven" under the "About" tab. At the top, there is a navigation bar with links for "Adoptions", "Rescues", "Organizations", "Veterinary Consultations", and a "Sign In" button. Below the navigation bar, the organization's logo is displayed, followed by its name "Pet Haven" and the tagline "Help an animal in need". There are two green buttons: "Donate" and "Review". A horizontal menu bar below the logo includes "Timeline", "For Adoption", "Merchandise", "Sponsorships", and "About" (which is underlined). On the left side, there is a large image of a black dog looking through a chain-link fence. To the right of the image, a text box provides information about Pet Haven, stating it is a nonprofit organization that finds homes for abandoned cats and dogs and improves chances of adoption. It mentions conducting clinics, adoption days, and events to raise awareness, free of charge. Below this text box is a map of Colombo, Sri Lanka, showing various locations including Durdans Hospital, Galle Face Green, and Sri Jayewardenepura General Hospital. A red dot on the map marks the organization's location. At the bottom of the screen, there is a contact message: "Contact us at 0112345678 No. 58, 5th Lane, Battaramulla".

P11 - Sign In

< Home



Adoptee
SAVE A LIFE. ADOPT A PET

Welcome to Adoptee
Sign In

Email Address *

Password *

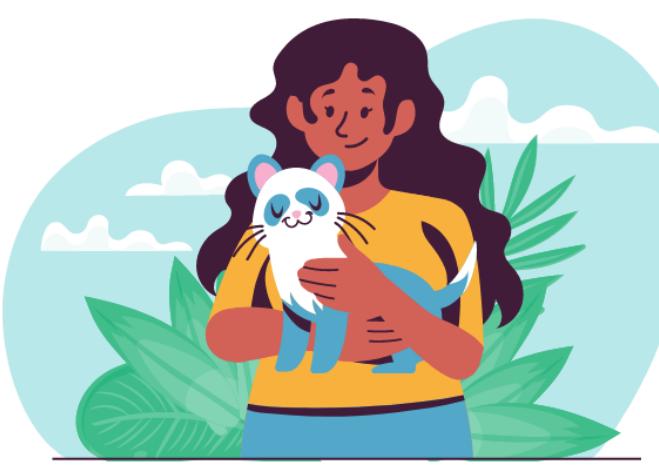
[Forgot Password ?](#)

Sign In

Don't have an account ? [Sign Up](#)

P12 - Sign Up

< Home



Adoptee
SAVE A LIFE. ADOPT A PET

Welcome to Adoptee
Sign Up

Name

Email Address

Register

Already have an account ? [Sign In](#)

Register as

Organization Doctor

P13 - Org Registration

Welcome to Adoptee Organization Registration



Basic Information

Organization Name *	Mobile Phone Number *	
<input type="text"/>	<input type="text"/>	
Address Line 1 *	Address Line 2 *	City *
<input type="text"/>	<input type="text"/>	<input type="text"/>

User

Email Address *	Password *	Confirm Password *
<input type="text"/>	<input type="text"/>	<input type="text"/>

[Go Back](#) [Register](#)

P14 - Doctor Registration

Welcome to Adoptee Register As A Doctor



User Information

Full Name *	Email *
<input type="text"/>	<input type="text"/>
Password *	Confirm Password *
<input type="text"/>	<input type="text"/>

Doctor Details

VCSL Registration Number *	Proof of Registration *
<input type="text"/>	<input type="file"/> No file chosen <small>Upload a photo of your registration</small>
Contact Number (Mobile) *	Contact Number (Fixed) *
<input type="text"/>	<input type="text"/>

Address

Credentials / Qualifications

[Go Back](#) [Register](#)

P15 - User Verify

Welcome to Adoptee
User Verification



Email

You have been successfully registered.

Now you need to confirm your email.
A letter was sent to your email
user2@example.com
follow the instructions in the email to complete the registration.

P16 - User Sign Up

Welcome to Adoptee
Sign Up

Name * Email Address *

Mobile Phone Number *
Format: 07XXXXXXXX

Home Address *

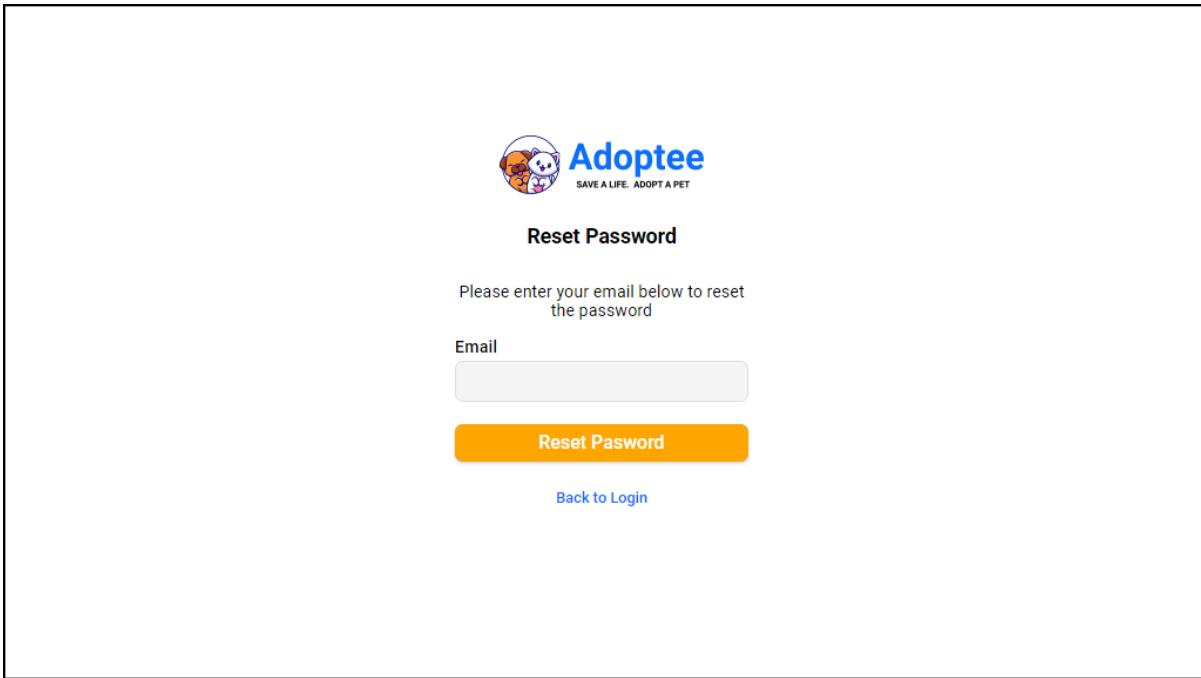
Password * Confirm Password *

Accept [Terms and Conditions](#)

Sign Up

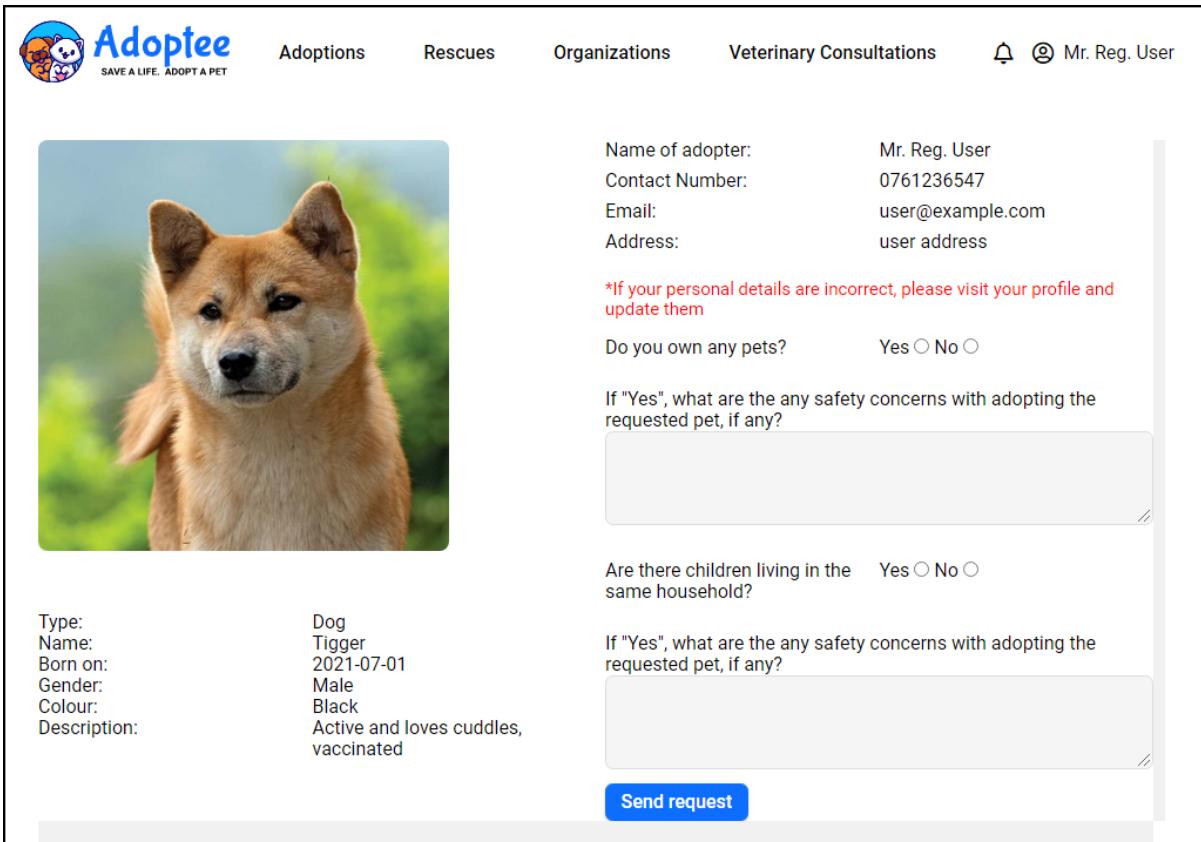
Already have an account? [Sign in](#)

P17 - Forgot Password



The screenshot shows the 'Forgot Password' page of the Adoptee application. At the top is the Adoptee logo with the tagline 'SAVE A LIFE. ADOPT A PET'. Below it is a heading 'Reset Password' and a sub-instruction 'Please enter your email below to reset the password'. There is a text input field labeled 'Email' and a yellow 'Reset Password' button. At the bottom is a 'Back to Login' link.

R01 - Adoption Request



The screenshot shows the 'Adoption Request' page. At the top, there's a navigation bar with the Adoptee logo, links for 'Adoptions', 'Rescues', 'Organizations', 'Veterinary Consultations', and user profile icons. The main area features a large image of a tan-colored dog. To the right, personal details are listed: Name of adopter: Mr. Reg. User, Contact Number: 0761236547, Email: user@example.com, Address: user address. A note says, '*If your personal details are incorrect, please visit your profile and update them.' Below this, a question asks 'Do you own any pets?' with 'Yes' and 'No' radio buttons. Another section asks 'If "Yes", what are the any safety concerns with adopting the requested pet, if any?' followed by a text area. Further down, questions about children in the household ('Are there children living in the same household?') and safety concerns for the pet ('If "Yes", what are the any safety concerns with adopting the requested pet, if any?') are followed by their respective text areas. At the bottom is a blue 'Send request' button.

R02 - Vet Consult - Doctor - Time

The screenshot shows a web-based application for booking a veterinary consultation. At the top, there's a logo for "Adoptee" with the tagline "SAVE A LIFE. ADOPT A PET". Below the logo, there are navigation links for "Adoptions", "Rescues", "Organizations", and "Veterinary Consultations". On the right side, there are icons for notifications and user profile, labeled "Mr. Reg. User".

The main section is titled "Book Consultation". It features three horizontal tabs: "Date & Time" (selected), "Pet Information", and "Payment".

Under "Date & Time", there are fields for "Doctor" (Dr. Weerasinghe), "Consultation Type" (Video or Chat), and "Date" (yyyy-mm-dd). Below these are "Available Times" for the selected doctor, showing five time slots: 10:30:00, 09:30:00, 10:00:00, 11:00:00, and 11:30:00.

A large green button at the bottom center says "Make Consultation".

R03 - Vet Consult - Pet Details

This screenshot shows the continuation of the "Book Consultation" process, specifically for entering details of a new pet.

At the top, the "Adoptee" logo and navigation links are visible. The "Pet Information" tab is selected.

The left side displays "Your Pets" with three entries for a dog named "Marko", 7 years old, listed as Male (Dog). The right side shows fields for "A New Pet": "Name *", "Gender" (Male or Female), "Animal Type" (Dog, Cat, Bird, Other), and "DOB *". There's also a note: "Approximate date if not known".

At the bottom, there are "Back" and "Continue" buttons.

R04 - Vet Consult - Payment

The screenshot shows the 'Book Consultation' page. At the top, there's a navigation bar with the 'Adoptee' logo, 'Adoptions', 'Rescues', 'Organizations', 'Veterinary Consultations', a notification icon, and a user profile for 'Mr. Reg. User'. Below the navigation, the title 'Book Consultation' is displayed. A horizontal bar indicates the current step: 'Date & Time' (grey), 'Pet Information' (grey), and 'Payment' (blue). The main area is titled 'Confirmation & Payment' with the sub-instruction 'Confirm Consultation Details + Payment Amount'. On the left is a 'Back' button, and on the right is a green 'Continue to Payment' button.

R05 - Veterinary Consult - Live Video Conference

The screenshot shows the 'Live Consultation' page. At the top, there's a navigation bar with the 'Adoptee' logo, 'Adoptions', 'Rescues', 'Organizations', 'Veterinary Consultations', a notification icon, and a user profile for 'Mr. Reg. User'. Below the navigation, there's a 'Back' button. The main area is titled 'Live Consultation'. On the left is a large video preview window. On the right, there's a sidebar with fields for 'Doctor Name' (with a red 'X' icon) and three message input fields labeled 'Message'. At the bottom, there are video controls (mute, camera) and a message input field with a placeholder 'Your Message ...' and a send icon.

R06 - Veterinary Consult - Medical Advise

Adoptions Rescues Organizations Veterinary Consultations Mr. Reg. User

← Back

Veterinary Advise

Doctor Name
Doctor Name

Message Message

Your Message ...

R07 - Organization Profile - Donate

Adoptions Rescues Organizations Veterinary Consultations Mr. Reg. User

LOGO **Donate to Pet Haven**

Amount *
0.00

I would like to,

Display my name: Mr. Reg. User
 Receive an emailed receipt: user@example.com

*If your personal details are incorrect, please visit your profile and update them

If you subscribe, the first donation will be made immediately, and monthly thereafter

Clear all **Donate**

R08 - Organization Profile - Review



Adoptions Rescues Organizations Veterinary Consultations Mr. Reg. User

Pet Haven
Help an animal in need

LOGO

Satisfaction with organization-
 Very Low Low Neutral Good Very Good

Comments-
 What should we improve?

I would like to,
 Display my name: Mr. Reg. User
 Be contacted by the organization via email: user@example.com

*If your personal details are incorrect, please visit your profile and update them

Submit Review

R09 - Update Profile



Adoptions Rescues Organizations Veterinary Consultations Mr. Reg. User

Mr. Reg. User

- Profile**
- Password
- Notifications
- Consultations
- Adoptions
- Rescues
- My Pets
- Sponsorships
- Payments

Update your profile

Name	Email
Mr. Reg. User	user@example.com
Mobile Phone Number	
0761236547	
Address	
user address	

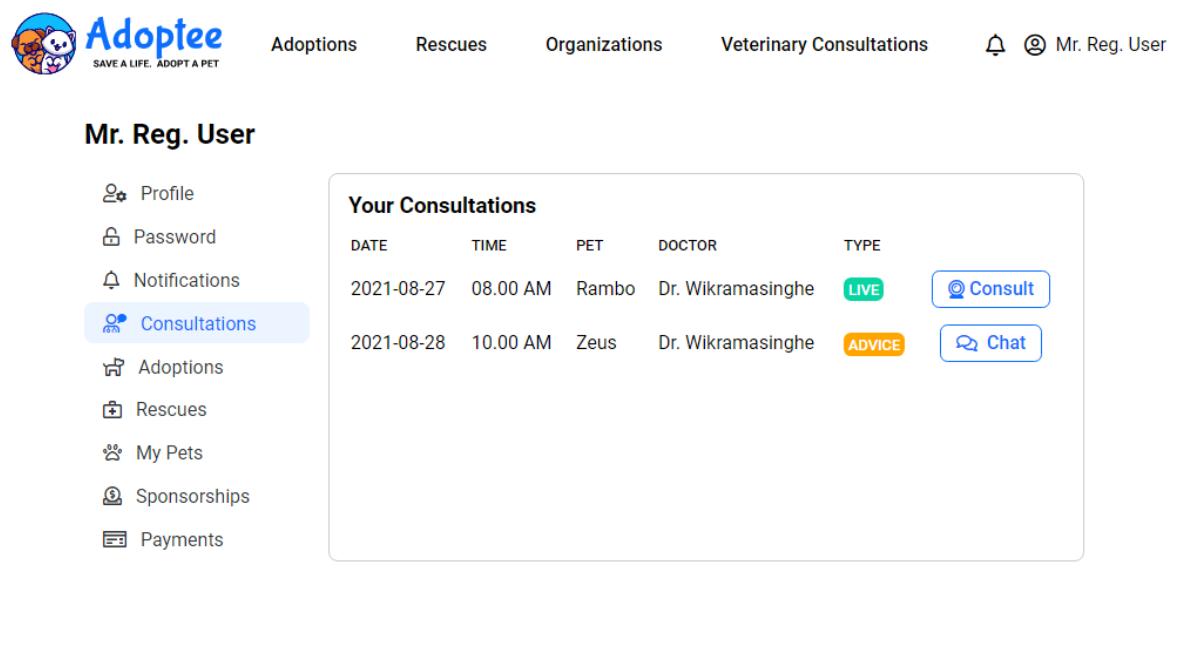
Update

R10 - Change Password

The screenshot shows the 'Change Password' form within the Adoptee application. The form includes fields for 'Current Password *', 'New Password *', and 'Confirm Password *'. A blue 'Change Password' button is at the bottom. The left sidebar shows navigation options like Profile, Password (which is selected), Notifications, Consultations, Adoptions, Rescues, My Pets, Sponsorships, and Payments.

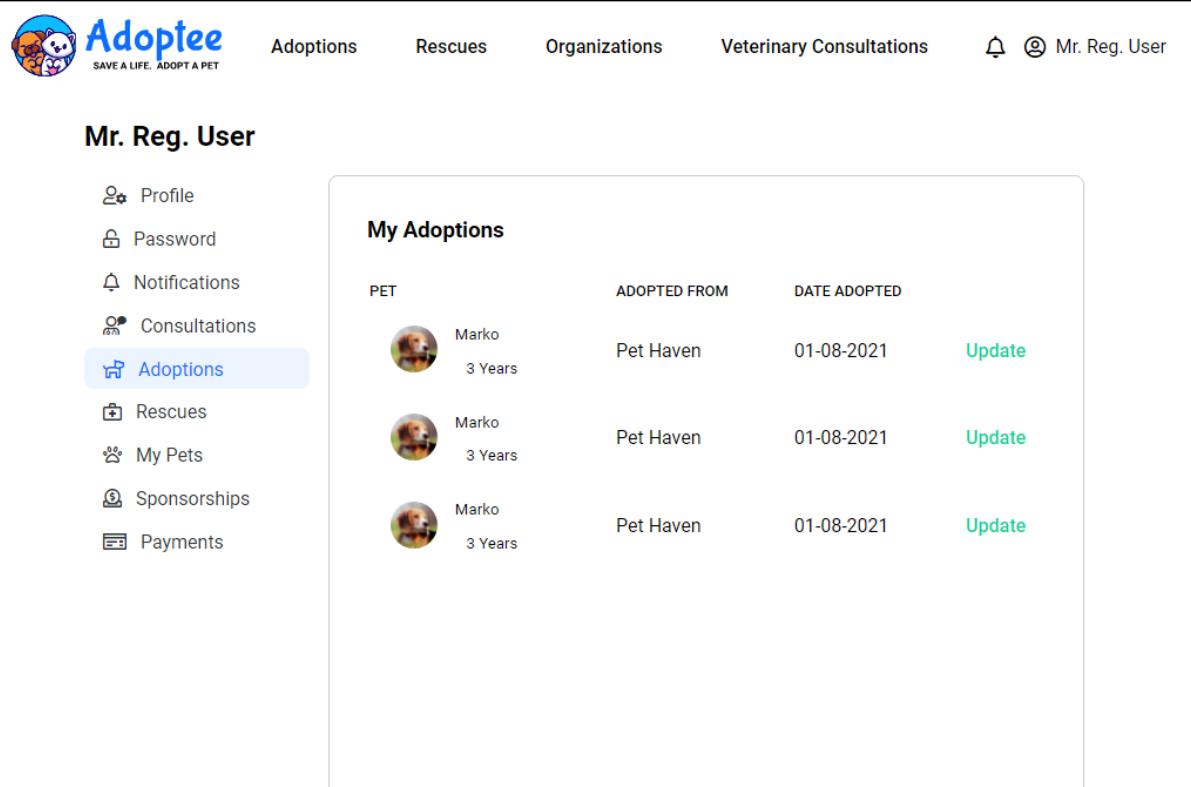
R11 - User Notifications

The screenshot shows the 'User Notifications' page. It displays three notifications: 1) 'Adoption Request' from 2021-09-19 stating 'Your adoption request has been approved!'. 2) 'Vaccination Reminder' from 2021-09-19 stating 'Your pet Tina needs her ARV vaccine on 2021-09-20'. 3) 'Rescue Update' from 2021-08-20 stating 'Reported pet progress'. The left sidebar shows navigation options like Profile, Password, Notifications (which is selected), Consultations, Adoptions, Rescues, My Pets, Sponsorships, and Payments.

R12 - User Consultations


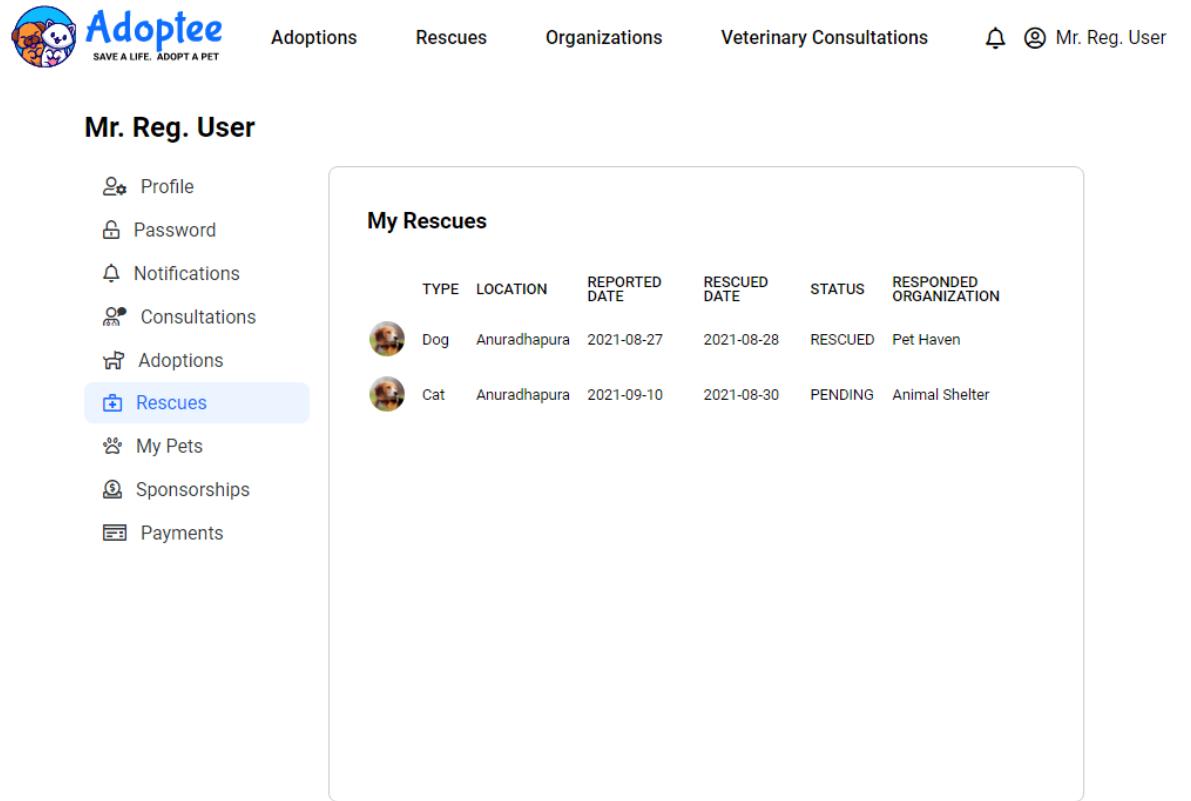
The screenshot shows the 'Your Consultations' section of the Adoptee application. On the left, a sidebar menu for 'Mr. Reg. User' includes options like Profile, Password, Notifications, Consultations (which is selected and highlighted in blue), Adoptions, Rescues, My Pets, Sponsorships, and Payments. The main content area displays two consultation entries:

DATE	TIME	PET	DOCTOR	TYPE
2021-08-27	08:00 AM	Rambo	Dr. Wikramasinghe	LIVE <button>Consult</button>
2021-08-28	10:00 AM	Zeus	Dr. Wikramasinghe	ADVICE <button>Chat</button>

R13 - User Adoptions


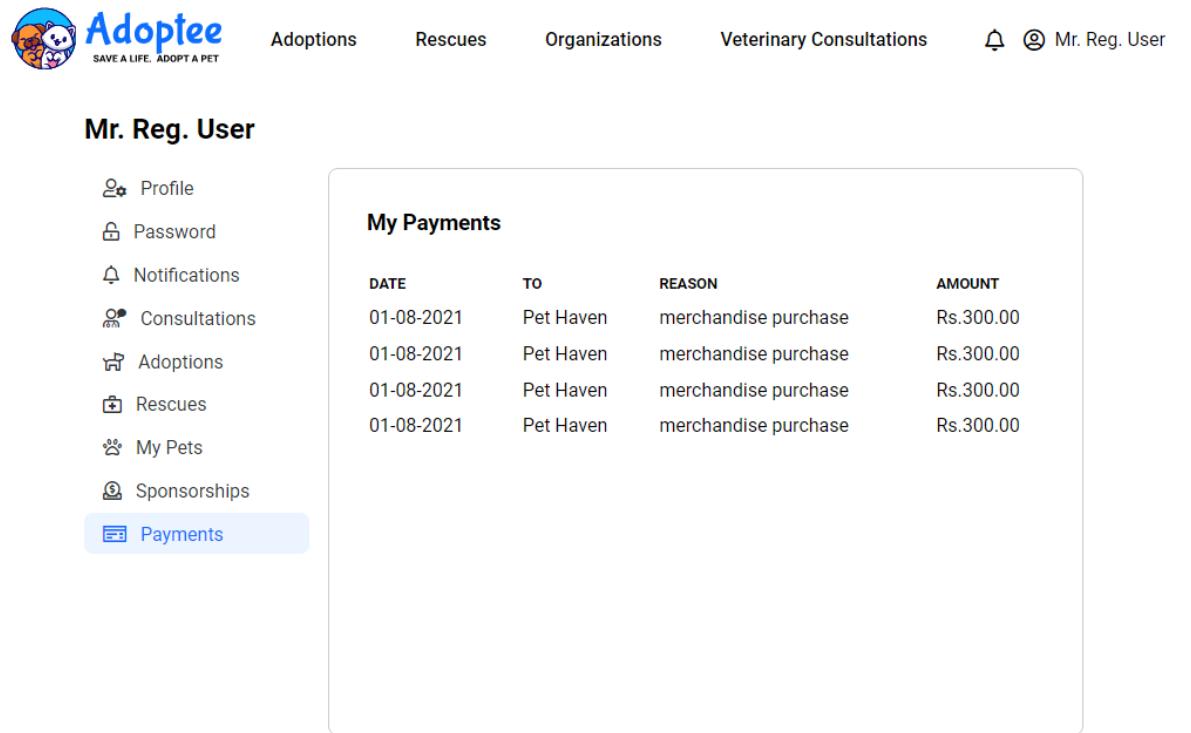
The screenshot shows the 'My Adoptions' section of the Adoptee application. On the left, a sidebar menu for 'Mr. Reg. User' includes options like Profile, Password, Notifications, Consultations, Adoptions (selected and highlighted in blue), Rescues, My Pets, Sponsorships, and Payments. The main content area displays three adoption entries:

PET	ADOPTED FROM	DATE ADOPTED	Actions
Marko 3 Years	Pet Haven	01-08-2021	<button>Update</button>
Marko 3 Years	Pet Haven	01-08-2021	<button>Update</button>
Marko 3 Years	Pet Haven	01-08-2021	<button>Update</button>

R14 - User Rescue Reports


The screenshot shows the 'My Rescues' section of the Adoptee application. On the left, there is a sidebar with navigation links: Profile, Password, Notifications, Consultations, Adoptions, Rescues (which is highlighted with a blue background), My Pets, Sponsorships, and Payments. The main content area is titled 'My Rescues' and displays a table with two rows of rescue information:

TYPE	LOCATION	REPORTED DATE	RESCUED DATE	STATUS	RESPONDED ORGANIZATION
Dog	Anuradhapura	2021-08-27	2021-08-28	RESCUED	Pet Haven
Cat	Anuradhapura	2021-09-10	2021-08-30	PENDING	Animal Shelter

R15 - User Payments


The screenshot shows the 'My Payments' section of the Adoptee application. On the left, there is a sidebar with navigation links: Profile, Password, Notifications, Consultations, Adoptions, Rescues, My Pets, Sponsorships, and Payments (which is highlighted with a blue background). The main content area is titled 'My Payments' and displays a table with four rows of payment information:

DATE	TO	REASON	AMOUNT
01-08-2021	Pet Haven	merchandise purchase	Rs.300.00
01-08-2021	Pet Haven	merchandise purchase	Rs.300.00
01-08-2021	Pet Haven	merchandise purchase	Rs.300.00
01-08-2021	Pet Haven	merchandise purchase	Rs.300.00

R16 - User Sponsorships

Mr. Reg. User

- Profile
- Password
- Notifications
- Consultations
- Adoptions
- Rescues
- My Pets
- Sponsorships** (highlighted)
- Payments

My Sponsorships			
START DATE	FOR	TIER	AMOUNT
01-08-2021	Animal Welfare Center	Gold	Rs.300.00
01-08-2021	Animal Welfare Center	Gold	Rs.300.00
01-08-2021	Animal Welfare Center	Gold	Rs.300.00
01-08-2021	Animal Welfare Center	Gold	Rs.300.00

O01 - Organization Adoption Listing

ADOPTEES

PET	TYPE	AGE	GENDER	DATE LISTED	STATUS	DATE ADOPTED	INFO
Tigger	Dog	2021-07-01	Male	2021-08-31	ADOPTED	2021-09-03	i edit
Oliver	Dog	2021-12-16	Female	2021-09-01	LISTED		i edit
Milo	Dog	2020-02-10	Female	2021-08-26	LISTED		i edit
Bailey	Dog	2015-10-01	Female	2021-09-02	LISTED		i edit

[Add New Animal](#)

- Dashboard
- MANAGEMENT**
 - Adoption Listing** (highlighted)
 - Adoption Requests
 - Reported Cases
 - Rescues
 - Donations
 - News & Events
 - Store
- ADMINISTRATION**
 - Feedback
 - Settings
 - Help

O02 - Organization Adoption - Add New Animal


LOGO

[←](#)

Add New Animal for Adoption

Name *

Type *
 Select

Gender *
 Select

Approximate DOB
 yyyy-mm-dd

Color *
 Use commas to separate colors

Description

Upload Photo
 No file chosen

O03 - Organization Adoption Request


[Dashboard](#)

MANAGEMENT

- [Adoption Listing](#)
- [**Adoption Requests**](#)
- [Reported Cases](#)
- [Rescues](#)
- [Donations](#)
- [News & Events](#)
- [Store](#)

ADMINISTRATION

- [Feedback](#)
- [Settings](#)
- [Help](#)

ADOPTION REQUESTS

ADOPTEE	ADOPTEE TYPE	ADOPTER ID	HAVE PETS	HAVE CHILDREN	RESPOND REQUEST	INFO
Mr. Reg. User	Dog	3	YES	YES	PENDING	✓ ✗ ?
Mr. Reg. User	Dog	3	NO	YES	PENDING	✓ ✗ ?
Mr. Reg. User	Dog	3	YES	YES	PENDING	✓ ✗ ?
Mr. Reg. User	Dog	3	NO	YES	PENDING	✓ ✗ ?
Mr. Reg. User	Dog	3	YES	YES	PENDING	✓ ✗ ?
Mr. Reg. User	Dog	3	NO	YES	PENDING	✓ ✗ ?

O04 - Organization Reported Cases



Dashboard

MANAGEMENT

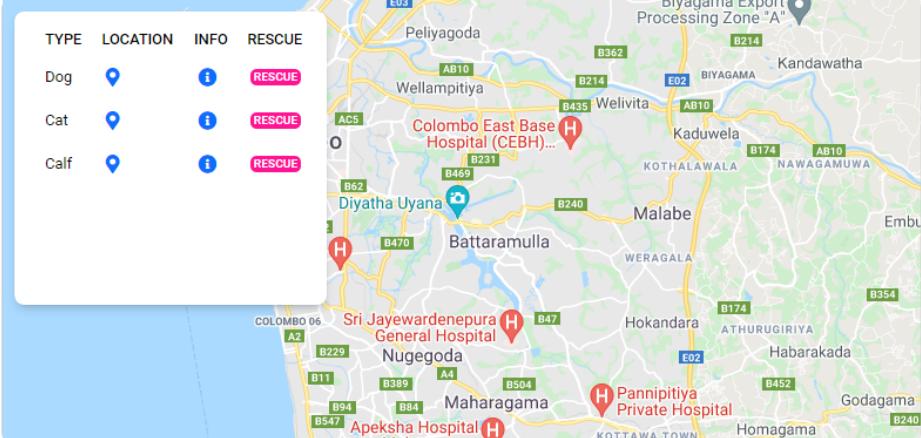
- Adoption Listing
- Adoption Requests
- Reported Cases**
- Rescues
- Donations
- News & Events
- Store

ADMINISTRATION

- Feedback
- Settings
- Help

TYPE
LOCATION
INFO
RESCUE

TYPE	LOCATION	INFO	RESCUE
Dog			
Cat			
Calf			



The map displays several locations marked with red 'H' icons, representing reported cases. Labeled locations include Peliyagoda, Wellampitiya, Colombo East Base Hospital (CEBH), Battaramulla, Sri Jayewardenepura General Hospital, Nugegoda, Maharaagama, Apeksha Hospital, and Pannipitiya Private Hospital. Roads and local landmarks are also visible.

O05 - Organization Rescues



Dashboard

MANAGEMENT

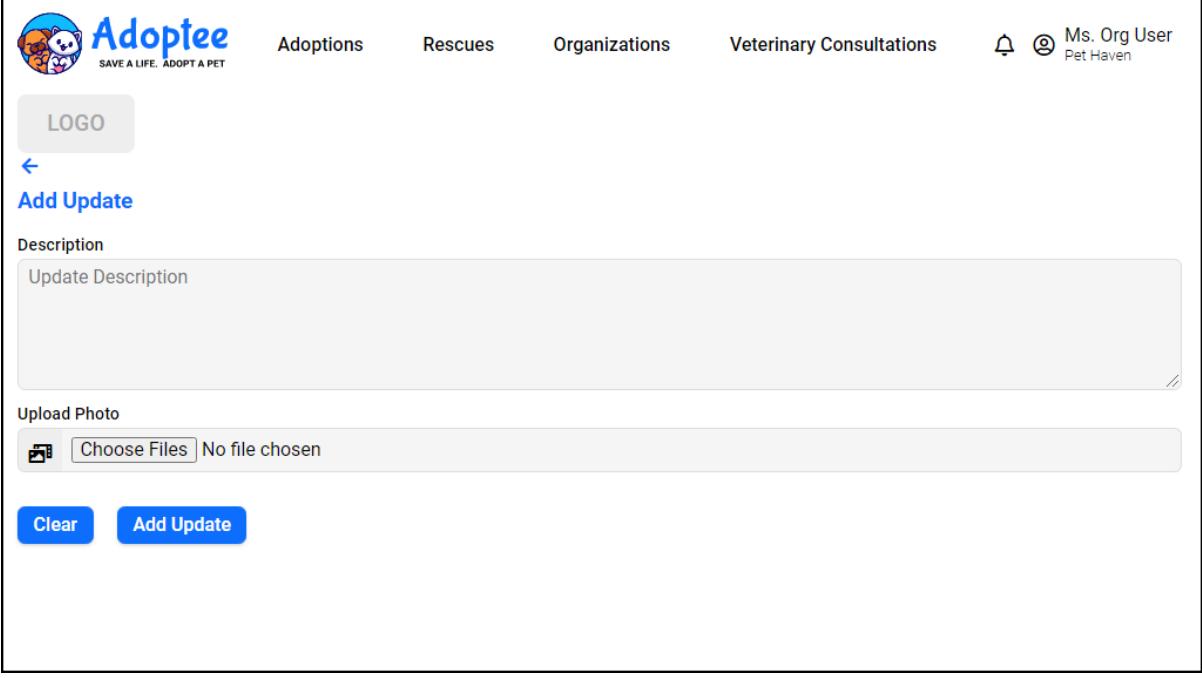
- Adoption Listing
- Adoption Requests
- Reported Cases**
- Rescues**
- Donations
- News & Events
- Store

ADMINISTRATION

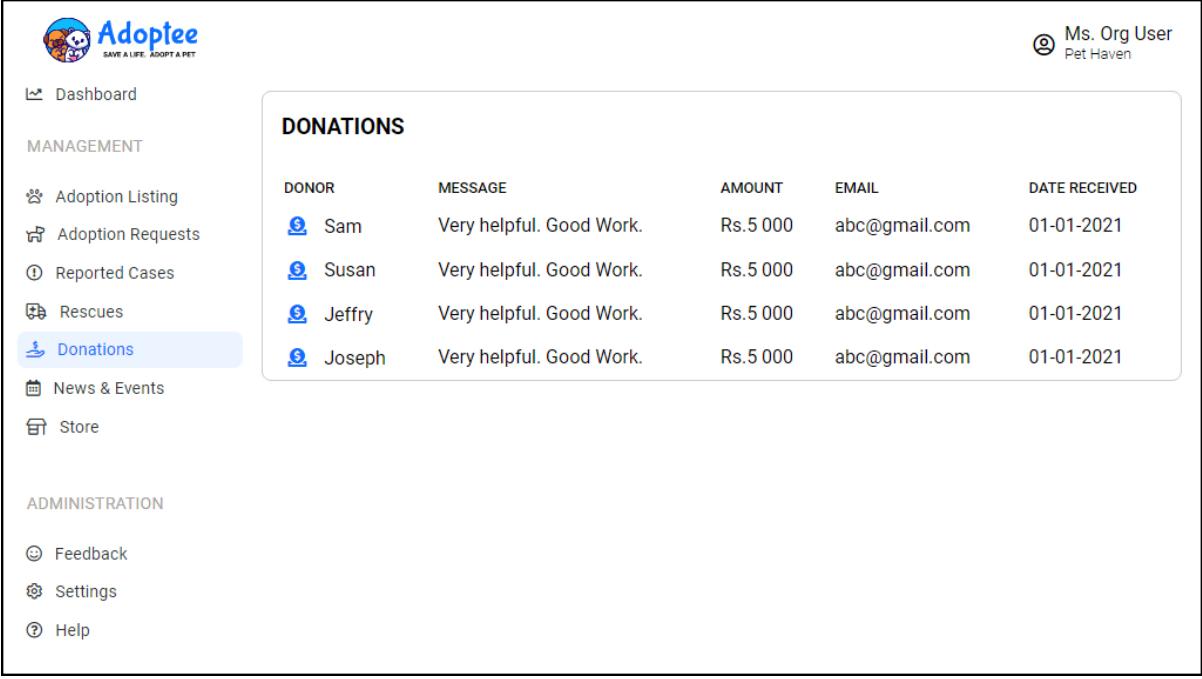
- Feedback
- Settings
- Help

Rescues

TYPE	DATE RESCUED	CONTACT NUMBER	DESCRIPTION	LOCATION	PHOTOS	INFO
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	
Dog	01-01-2021	0771234567	Injured Leg	Anuradhapura	ABC	

O06 - Organization Rescues – Update Progress


The screenshot shows a web application interface for adding a rescue update. At the top, there's a logo for "Adoptee" with the tagline "SAVE A LIFE. ADOPT A PET". The navigation menu includes links for "Adoptions", "Rescues", "Organizations", and "Veterinary Consultations". On the right, there are user profile icons for "Ms. Org User" and "Pet Haven". Below the menu, a "LOGO" placeholder is shown, followed by a back arrow and a "Add Update" button. A "Description" field contains the placeholder "Update Description". An "Upload Photo" section includes a file input field with the text "Choose Files" and "No file chosen". At the bottom are "Clear" and "Add Update" buttons.

O07 - Organization Donations


The screenshot shows the "DONATIONS" section of the organization dashboard. The left sidebar has a "Dashboard" link and sections for "MANAGEMENT" (Adoption Listing, Adoption Requests, Reported Cases, Rescues, **Donations**, News & Events, Store) and "ADMINISTRATION" (Feedback, Settings, Help). The main content area is titled "DONATIONS" and displays a table of recent donations:

DONOR	MESSAGE	AMOUNT	EMAIL	DATE RECEIVED
Sam	Very helpful. Good Work.	Rs.5 000	abc@gmail.com	01-01-2021
Susan	Very helpful. Good Work.	Rs.5 000	abc@gmail.com	01-01-2021
Jeffry	Very helpful. Good Work.	Rs.5 000	abc@gmail.com	01-01-2021
Joseph	Very helpful. Good Work.	Rs.5 000	abc@gmail.com	01-01-2021

O08 - Organization News Events

The screenshot shows the Adoptee application's news and events section. On the left is a sidebar with navigation links: Dashboard, MANAGEMENT (Adoption Listing, Adoption Requests, Reported Cases, Rescues, Donations, News & Events, Store), and ADMINISTRATION (Feedback, Settings, Help). The main area is titled "News & Events". It displays two news items: "Pet Adoption Day" and "Pet Adoption". Each item has a thumbnail image, a title, a description, and a "Published On" date.

Event Title	Description Preview	Published On
Pet Adoption Day	Lore ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	Published On : 10-09-2021
Pet Adoption	Lore ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	Published On : 10-09-2021

O09 - Organization Feedbacks Received

The screenshot shows the Adoptee application's user feedback section. At the top is a header with the logo, navigation links (Adoptions, Rescues, Organizations, Veterinary Consultations), and a "Sign In" button. Below is a section titled "User Feedback" with a table of reviews. At the bottom is a "Go Back" link.

USER	COMMENT	RATING 1	RATING 2	RATING 3	ACTIONS
Dalana	T-Shirt Test	2/5	2/5	2/5	↶ ✓
3345	Wrist Band	2/5	2/5	2/5	↶ ✓
3323	Water Bottle	2/5	2/5	2/5	↶ ✓

[Go Back](#)

O10 - Organization Settings – Update Information

Organization Information

Organization Name	Founded On yyyy-mm-dd	Logo
Tagline		
Description		

General

- [Users](#)
- [Sponsorships](#)
- [Sponsorships Tiers](#)
- [Merchandise](#)
- [Payments](#)

Save

O11 - Organization Settings - Users

Users

NAME	EMAIL	ROLE	ACTIONS
Dalana Pasindu	dalana@gmail.com	ADMIN	
Hiruni Dahanayake	hiruni@gmail.com	NORMAL	
Ovini Medagedara	ovini@gmail.com	NORMAL	
Tharani Perera	tharani@gmail.com	ADMIN	

New User

General

- [Users](#)
- [Sponsorships](#)
- [Sponsorships Tiers](#)
- [Merchandise](#)
- [Payments](#)

O12 - Organization Settings – Add New User

The screenshot shows a web page titled "Create Organization User". At the top right is a green "Sign In" button. Below the title are two input fields: one for "Name *" and one for "Email Adress *". Both fields have placeholder text and are marked with red asterisks. A blue "Submit" button is located below the email field. At the bottom left is a pink "Go Back" button.

O13 - Organization Settings - User Actions

The screenshot shows a modal window titled "Organization User - Actions". Inside, there's a dropdown menu for "Role" set to "ADMIN". Below it is a green "Accept" button. A link "If the user has forgotten the password" leads to a yellow "Reset Password" button. Another link "Disable Access to the user" leads to a yellow "Delete User" button with a trash icon. At the bottom left of the modal is a pink "Go Back" button.

O14 - Organization Settings - Received Sponsorships

NAME	TIER	START DATE	STATUS
Dalana	Gold	2021-05-06	Active
Dalana	Bronze	2021-05-06	Canceled
Dalana	Gold	2021-05-06	Active

O15 - Organization Settings - Sponsor Tiers

TIER	DESCRIPTION	PRICE
Tier 1	10 Meals 2 Vet Visits 1 Vaccination	Rs 5000
Tier 2	20 Meals 4 Vet Visits 2 Vaccination	Rs 10000
Tier 3	30 Meals 6 Vet Visits 3 Vaccination	Rs 15000

O16 - Organization Settings - Sponsor Tiers Form

Sponsorship Tier

Name **

Amount

Contribution

Save

[Go Back](#)

O17 - Organization Settings - Merchandise for sale

Organization Settings

Merchandise Store

SKU	ITEM NAME	DESCRIPTION	STOCK	PRICE	Actions
2223	T-Shirt Test	Des.....	2	Rs 1600.00	
3345	Wrist Band	Des.....	100	Rs 100.00	
3323	Water Bottle	Des.....	65	Rs 520.00	

O18 - Organization Settings - Payments

NAME	AMOUNT	DATE & TIME	REASON
Dalana	Rs 1000.00	2021-05-06 10.00 AM	DONATION
Dalana	Rs 1000.00	2021-05-06 10.00 AM	PURCHASE
Dalana	Rs 1000.00	2021-05-06 10.00 AM	DONATION

O19 - Organization Settings - Merchandise Form

Adoptions
Rescues
Organizations
Veterinary Consultations

[Sign In](#)

Merchandise Item

SKU	Name
<input type="text"/>	<input type="text"/>
Description	
<input type="text"/>	
Price	Starting Stock
<input type="text"/>	<input type="text"/>
Save	

Merchandise Item - Update Stock

SHOW ITEM DETAILS HERE	
New Stock	
<input type="text"/>	
Save	

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D01 - Doctor Home

Home

Doctor Homepage

Home

YOUR TASKS

- ⌚ Live Consultations
- หมอ Medical Advise
- 😺 Consulted Animals

SETTINGS

- 📅 Appointment Schedule
- 📄 Payments

D02 - Doctor Bookings

Live Consultations

Current Appointments

⌚	13 Mon	14 Tue	15 Wed	16 Thu	17 Fri	18 Sat
8.00						
9.00						
10.00						
11.00						
12.00						
13.00						
14.00						
15.00						

Please Select an Appointment from the Timeline

September 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

D03 - Doctor Advise

NAME	OWNER	TYPE	GENDER	AGE	ACTIONS
Milo	Mr. Reg. User	DOG	Female	2 Years	<button>ADVISE</button>
Tigger	Mr. Reg. User	DOG	Male	0 Years	<button>ADVISE</button>
Leo	Ms. Org User	DOG	Male	6 Years	<button>ADVISE</button>
Oliver	Mr. Reg. User	DOG	Female	0 Years	<button>LIVE</button>
Leo	Ms. Org User	DOG	Male	6 Years	<button>ADVISE</button>
Simba	Mr. Reg. User	DOG	Male	6 Years	<button>ADVISE</button>
Luna	Mr. Reg. User	DOG	Female	4 Years	<button>ADVISE</button>

D04 - Doctor Animals

NAME	OWNER	TYPE	GENDER	AGE	ACTIONS
Leo	Ms. Org User	Dog	Male	6 Years	<button>View</button>
Simba	Ms. Org User	Dog	Male	6 Years	<button>View</button>
Simba	Mr. Reg. User	Dog	Male	6 Years	<button>View</button>
Tigger	Mr. Reg. User	Dog	Male	0 Years	<button>View</button>
Oliver	Mr. Reg. User	Dog	Female	0 Years	<button>View</button>
Milo	Mr. Reg. User	Dog	Female	2 Years	<button>View</button>
Bear	Mr. Reg. User	Dog	Male	8 Years	<button>View</button>
Duke	Mr. Reg. User	Dog	Male	6 Years	<button>View</button>
Nala	Mr. Reg. User	Dog	Female	6 Years	<button>View</button>
Riley	Mr. Reg. User	Dog	Male	7 Years	<button>View</button>
Luna	Mr. Reg. User	Dog	Female	4 Years	<button>View</button>

D05 - Doctor Schedule

Appointment Schedule Dr. Weerasinghe

Weekly Schedule ⚠ Unsaved Changes Discard Changes Save

①	Mon	Tue	Wed	Thu	Fri	Sat	Sun
8.00						AVAILABLE	AVAILABLE
9.00	AVAILABLE	AVAILABLE				AVAILABLE	AVAILABLE
10.00	AVAILABLE	AVAILABLE	AVAILABLE				
11.00	AVAILABLE	AVAILABLE	AVAILABLE				
12.00							
13.00							

Home YOUR TASKS SETTINGS

- ⌚ Live Consultations
- 👤 Medical Advise
- 🐶 Consulted Animals

Appointment Schedule Payments

D06 - Doctor Payments

Payments Dr. Weerasinghe

Account Balance : **Rs.5500** \$ Payout

Transaction History			
TXN ID	DATE	DESCRIPTION	AMOUNT
587495854	2021-08-27	Payment for Advice	+ Rs. 2000
587449378	2021-08-26	Payment for Consultation	+ Rs. 2500
587445875	2021-08-22	Pay out	- Rs. 2000
587445813	2021-08-21	Payment for Consultation	+ Rs. 2000

Home YOUR TASKS SETTINGS

- ⌚ Live Consultations
- 👤 Medical Advise
- 🐶 Consulted Animals

Appointment Schedule Payments

D07 - Doctor Prescription

The screenshot shows the 'Rx New Prescription' screen. On the left, there's a sidebar with icons for Home, YOUR TASKS (Live Consultations, Medical Advise, Consulted Animals), and SETTINGS (Appointment Schedule, Payments). The main area displays a table of prescriptions:

DRUG NAME	DOSE	DIRECTION	DURATION	Action
Laxapet Palatable	100mg	3 TD	5 Days	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Laxapet Palatable	100mg	3 TD	5 Days	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Laxapet Palatable	100mg	3 TD	5 Days	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Laxapet Palatable	100mg	3 TD	5 Days	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Laxapet Palatable	100mg	3 TD	5 Days	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Below the table is an 'Add Drug' form with fields for Drug Name, Dose, Direction, and Duration, followed by an 'Add' button. At the bottom are 'Cancel' and 'Save' buttons.

D08 - Doctor Consultation - Video Conference

The screenshot shows the 'Live Consultation' screen. At the top right is the doctor's profile picture and name, 'Dr. Weerasinghe'. Below it is another profile picture and name, 'Oliver'. The main area is a large white space for the video call. At the bottom is a control bar with a microphone icon, a camera icon, a message input field ('Your Message ...'), and a send icon.