
Use Cases

for

PetPal

Version 1.0 approved

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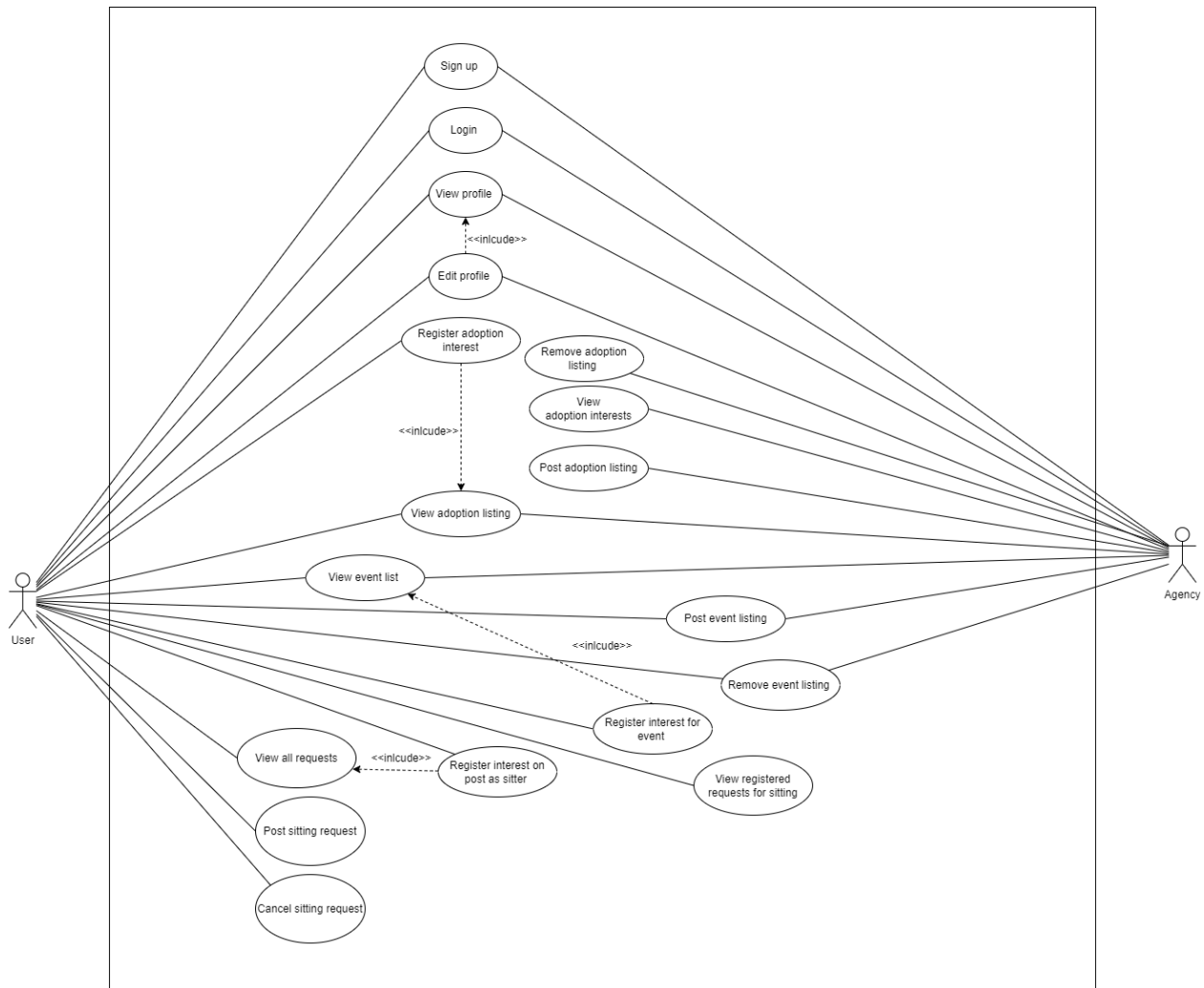
SC3040 – TEL1

27/08/2024

Revision History

Name	Date	Reason For Changes	Version
Nithya Hariharan, Najah Ismail Gambhir Dhruv	05/09/2024	Adding first draft of use cases	1.0

Use Case Diagram



Use Case List

<i>Primary Actor</i>	<i>Use Cases</i>
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User, Agency	Sign Up
User, Agency	Login
User, Agency	View Profile
User, Agency	Edit Profile
Agency	Post adoption listing
User, Agency	View adoption listing
User	Register adoption interest
Agency	Remove adoption listing
User, Agency	View event list
User, Agency	Post event list
User, Agency	Remove event list
User	Register interest for event
User	Post sitting request
User	View all requests
User	Register interest as sitter
User	Cancel sitting request

Use Case ID:	001		
Use Case Name:	Sign Up		
Created By:	Nithya Hariharan	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User, Agency
Description:	To sign up user and agency accounts into the system
Preconditions:	1. User has internet access
Postconditions:	1. User information must be saved into the database. 2. User must be redirected to the platform.
Priority:	High
Frequency of Use:	Frequent
Flow of Events:	<ol style="list-style-type: none"> 1. User accesses the system home page. 2. User clicks on the “Sign-Up” icon 3. User enters the following details <ol style="list-style-type: none"> a. Name b. Email c. Mobile Phone d. Location e. Password f. Pet (s) <ol style="list-style-type: none"> i. Animal type ii. Breed iii. Age 4. User clicks on sign up
Alternative Flows:	-
Exceptions:	<ol style="list-style-type: none"> 1. User accesses the system home page. 2. User clicks on the “Sign-Up” icon 3. User does not enter all the required details 4. User clicks on sign up 5. User is prompted with a message to include missing details.
Includes:	-
Special Requirements:	-
Assumptions:	-

Notes and Issues:	-
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Use Case ID:	002		
Use Case Name:	Log In		
Created By:	Gambhir Dhruv	Last Updated By:	Gambhir Dhruv
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User / Agency
Description:	To log in to the platform using your account.
Preconditions:	1. Actor must have an existing account with the system
Postconditions:	1. The actor must be redirected to the platform.
Priority:	High
Frequency of Use:	Every time a user uses the platform.
Flow of Events:	<ol style="list-style-type: none"> 1. Actor clicks the platform link. 2. Redirect to Login Page. 3. Actor logs in. 4. Log in successfully. 5. Actor is redirected to the home page.
Alternative Flows:	<ol style="list-style-type: none"> 1. Actor clicks the platform link. 2. Redirect to Login Page. 3. Actor logs in. 4. Log in unsuccessful. 5. Actor is prompted to log in again.
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	003		
Use Case Name:	View Profile		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	03/09/2024

Actor:	User, Agency
Description:	Actor can view the information on their profile.
Preconditions:	1. Actor must have an existing account with the system

	2. Actor must have logged into the system.
Postconditions:	-
Priority:	High
Frequency of Use:	Dependent on Actor
Flow of Events:	<ol style="list-style-type: none"> 1. Actor enters the system home page 2. Actor clicks on the profile icon 3. Actor can view all information about the profile.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	004		
Use Case Name:	Edit profile		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	03/09/2024

Actor:	Actor
Description:	Actor can edit the information on their profile
Preconditions:	<ol style="list-style-type: none"> 1. Actor must have an existing account with the system 2. Actor must have logged into the system. 3. Actor is on their profile page.
Postconditions:	-
Priority:	Medium
Frequency of Use:	Dependent on Actor
Flow of Events:	<ol style="list-style-type: none"> 1. Actor clicks on the edit icon 2. Actor can update the fields as required 3. Actor clicks on the save button to save changes.
Alternative Flows:	-
Exceptions:	-
Includes:	View profile
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	005		
Use Case Name:	Post adoption listings		
Created By:	Nithya Hariharan	Last Updated By:	Nithya Hariharan
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	Agency
Description:	Create posts for pets available to adopt
Preconditions:	<ol style="list-style-type: none"> 1. Agency must have an existing account with the system 2. Agency must have logged into the system.
Postconditions:	<ol style="list-style-type: none"> 1. Information on the post must be added to the database
Priority:	Medium
Frequency of Use:	Agency dependent
Flow of Events:	<ol style="list-style-type: none"> 1. Agency clicks on 'Adoption' tab on the main page 2. Agency clicks on 'Create post' 3. Agency fills out all the particulars given on the post 4. Agency clicks 'Submit' to complete the action 5. Newly added post will be visible on the dashboard
Alternative Flow 1:	<ol style="list-style-type: none"> 1. Agency clicks on 'Adoption' tab on the main page 2. Agency clicks on 'Create post' 3. Agency clicks on 'X' to cancel creation of post
Alternative Flow 2:	<ol style="list-style-type: none"> 1. Agency clicks on 'Adoption' tab on the main page 2. Agency clicks on 'Create post' 3. Agency fills out almost all particulars given on the post 4. Agency clicks 'Submit' to complete the action

	5. The system will prompt an error message “X field is not filled” to indicate the Agency to complete filling out all the required fields
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	1. The information on the post is valid and the corresponding pet is available for adoption.
Notes and Issues:	-

Use Case ID:	006		
Use Case Name:	View Adoption Listings		
Created By:	Nithya Hariharan	Last Updated By:	Nithya Hariharan
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User, Agency
Description:	To view all the posts indicating pets available for adoption
Preconditions:	<ol style="list-style-type: none"> 1. Actor must have an existing account with the system 2. Actor must have logged into the system.
Postconditions:	-
Priority:	Medium
Frequency of Use:	Frequent, every time user is interested in adopting a pet
Flow of Events:	<ol style="list-style-type: none"> 1. Actor clicks on the ‘Adoption’ tab on the main screen 2. The list of all posts for pets available to adopt are retrieved from the database and displayed on the dashboard 3. Actor can use filters provided on the top of the screen to refine the list of posts according to convenience
Alternative Flow:	-

Exceptions:	<ol style="list-style-type: none"> 1. Actor clicks on the 'Adoption' tab on the main screen 2. If no pets are available to adopt, the screen will display message - "No pets available to adopt"
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	007		
Use Case Name:	Register adoption interest		
Created By:	Nithya Hariharan	Last Updated By:	Nithya Hariharan
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	To indicate interest in adopting 1 or more pets
Preconditions:	<ol style="list-style-type: none"> 1. User must have an existing account with the system 2. User must have logged into the system.
Postconditions:	<ol style="list-style-type: none"> 1. Interested users information must be added to the database
Priority:	High
Frequency of Use:	User dependent
Flow of Events:	<ol style="list-style-type: none"> 1. User clicks on the 'Adoption' tab on the main page 2. The list of all posts for pets available to adopt are retrieved from the database and displayed on the dashboard 3. User clicks on interested post listing from the dashboard 4. User can view all the details of the listing 5. User clicks on 'Interested' button to indicate interest to complete action

Alternative Flow 1:	<ol style="list-style-type: none"> 1. User clicks on the 'Adoption' tab on the main page 2. The list of all posts for pets available to adopt are retrieved from the database and displayed on the dashboard 3. User clicks on interested post listing from the dashboard 4. User can view all the details of the listing 5. User clicks 'X' to close the listing
Exceptions:	-
Includes:	View adoption listing
Special Requirements:	-
Assumptions:	<ol style="list-style-type: none"> 1. User will reach out to the agency personally to confirm the adoption or vice versa
Notes and Issues:	-

Use Case ID:	008		
Use Case Name:	View adoption interests		
Created By:	Nithya Hariharan	Last Updated By:	Nithya Hariharan
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	Agency
Description:	To view all the profiles
Preconditions:	<ol style="list-style-type: none"> 1. Agency must have an existing account with the system 2. Agency must have logged into the system. 3. Agency must have an active adoption post
Postconditions:	-
Priority:	High
Frequency of Use:	Dependent on user
Flow of Events:	<ol style="list-style-type: none"> 1. Agency clicks on "Adoption" page 2. Agency clicks on "My requests" to view all requests. 3. Agency clicks on any specific request. 4. Agency can view the list of interested individuals and their contact information.
Alternative Flow 1:	-

Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	009		
Use Case Name:	Remove adoption listing		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	03/09/2024

Actor:	Agency
Description:	Agency can remove listings in case adoption is complete or any other reasons.
Preconditions:	<ol style="list-style-type: none"> 1. Agency must have an existing account with the system 2. Agency must be logged onto the system 3. Agency must have at least 1 existing listing
Postconditions:	
Priority:	High
Frequency of Use:	Dependent on adoption rates
Flow of Events:	<ol style="list-style-type: none"> 1. Agency clicks on the relevant adoption listing on the adoption page 2. Agency clicks on the “remove” button. 3. Agency confirms that the post is to be removed.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	010
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Use Case Name:	Post sitting request		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	To post a request for a sitter on the forum
Preconditions:	<ol style="list-style-type: none"> 1. User must have an existing account with the system 2. User must have logged into the system.
Postconditions:	<ol style="list-style-type: none"> 1. Information on the post must be added to the database 2. The post must be available on forum for sitters to show interest
Priority:	High
Frequency of Use:	Based on user preference
Flow of Events:	<ol style="list-style-type: none"> 1. User clicks on the “Pet Sitting” tab 2. User clicks on the icon to create a post 3. User inputs the necessary information such as <ol style="list-style-type: none"> a. Location b. Pet c. Task description d. Renumeration e. Date f. Time 4. User posts the information on the forum
Alternative Flows:	-
Exceptions:	If pet is not registered on profile, User must add the pet to the profile.
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	011		
Use Case Name:	Register interest as sitter		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	User can register interest to work a particular sitting job.

Preconditions:	1. User must have an account 2. User must be logged in. 3. User must have contact information on profile.
Postconditions:	
Priority:	High
Frequency of Use:	Dependent on user preference
Flow of Events:	1. User clicks on “Pet Sitting” page 2. User views all existing sitting requests 3. User selects one post of interest 4. User clicks on the icon to show interest
Alternative Flows:	-
Exceptions:	-
Includes:	View all requests
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	012		
Use Case Name:	View all requests		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	View all requests
Preconditions:	1. User must have an existing account with the system 2. User must have logged into the system
Postconditions:	-
Priority:	High
Frequency of Use:	Dependent on user
Flow of Events:	1. User clicks on the “Pet Sitting” page 2. User can see a list of all the existing requests 3. User can add a filter for the following: a. Location b. Animal Type c. Date d. Time

Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	013		
Use Case Name:	View registered requests		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	User can view interested sitters for their own request
Preconditions:	1. User must have an existing account with the system 2. User must have logged into the system. 3. User must have an active sitting post
Postconditions:	
Priority:	High
Frequency of Use:	Dependent on user
Flow of Events:	1. User clicks on “Pet Sitting” page 2. User clicks on “My requests” to view all requests. 3. User clicks on any specific request. 4. User can view the list of interested individuals and their contact information.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	014
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Use Case Name:	Cancel sitting request		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	User can cancel their sitting request in case a sitter is found or no longer needed .
Preconditions:	1. User must have an existing account with the system 2. User must have logged into the system. 3. User must have an active sitting post
Postconditions:	1. The cancelled post is updated to the database.
Priority:	High
Frequency of Use:	Dependent on user
Flow of Events:	1. User clicks on “Pet Sitting” page 2. User clicks on “My requests” to view all requests. 3. User clicks on any specific request. 4. User clicks on the cancel button and confirms to delete the post.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	015		
Use Case Name:	View Event Listing		
Created By:	Gambhir Dhruv	Last Updated By:	Gambhir Dhruv
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	To view the list of events on the platform.
Preconditions:	The user must be registered and logged in.
Postconditions:	The event post must be available to register interest.
Priority:	High
Frequency of Use:	Based on user preference

Flow of Events:	<ol style="list-style-type: none"> 1. User or Agency (Organizer) creates event. 2. Organizer enters event details: <ul style="list-style-type: none"> • Name • Description • Time • Venue • Entry requirements • Quota
Alternative Flows:	-
Exceptions:	The event has finished but has not been removed.
Includes:	-
Special Requirements:	-
Assumptions:	Event has not been completed.
Notes and Issues:	-

Use Case ID:	016		
Use Case Name:	Post Event Listing		
Created By:	Gambhir Dhruv	Last Updated By:	Gambhir Dhruv
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User / Agency
Description:	To post an event on the platform.
Preconditions:	The Actor must be registered and logged in.
Postconditions:	The event post must be available to register interest.
Priority:	High
Frequency of Use:	Based on user preference
Flow of Events:	<ol style="list-style-type: none"> 1. User views the list of events. 2. Event is available for registration.
Alternative Flows:	<ol style="list-style-type: none"> 1. User views the list of events. 2. Event is full.
Exceptions:	The event has finished but has not been removed.
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	017		
Use Case Name:	Register interest for event		
Created By:	Gambhir Dhruv	Last Updated By:	Gambhir Dhruv
Date Created:	28/08/2024	Date Last Updated:	28/08/2024

Actor:	User
Description:	To register for an event on the platform.
Preconditions:	The user must be registered and logged in. The event post must be available to register interest.
Postconditions:	The organizer must see the registered users.
Priority:	High
Frequency of Use:	Every time a user registers for an event.
Flow of Events:	1. User views the event description. 2. User registers for the event.
Alternative Flows:	1. User views the event description. 2. The event is full.
Exceptions:	The event has finished but has not been removed.
Includes:	-
Special Requirements:	Update event status once it is full or completed.
Assumptions:	-
Notes and Issues:	-

Use Case ID:	018		
Use Case Name:	Cancel event listing		
Created By:	Najah Ismail	Last Updated By:	Najah Ismail
Date Created:	04/09/2024	Date Last Updated:	04/09/2024

Actor:	User, Agency
Description:	User or Agency can cancel their sitting request.
Preconditions:	1. Actor must have an existing account with the system

	2. Actor must have logged into the system. 3. Actor must have an active sitting post
Postconditions:	1. The cancelled post is updated to the database.
Priority:	High
Frequency of Use:	Dependent on user
Flow of Events:	1. Actor clicks on “Events” page 2. Actor clicks on “My events” to view all requests. 3. Actor clicks on any specific event listing. 4. Actor clicks on the cancel button and confirms to delete the listing.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-