| **Use Case Name** | **Post pets’ information** |
| --- | --- |
| **Version** | 1.0 |
| **Goal** | Successfully upload the pets’ information |
| **Summary** | Users input the pets’ profiles and post them to the app so that others can view and buy or adopt the pets. |
| **Primary Actors** | User |
| **Secondary Actor** | User |
| **Preconditions** | The user should have the pets’ information beforehand in order to post it. |
| **Trigger** | User selects the “Create pets’ info” option. |
| **Basic Course of Events** | 1. The system shows a form to the user to enter all the required information. 2. User enters all required information. 3. The user clicks on the “Post” button. 4. The system stores all the data in the database. 5. The system displays a message “Successfully, your post is now waiting for the admin to preview.” for 2 seconds. 6. The post is stored in the waitlist for the admin to preview before being displayed to other users. 7. The Use Case will end when the system directs the user to return to the main page. |
| **Alternative Paths** | User does not enter all required information   1. The system displays a message “Please fill in all the required fields!” after the user clicks on the “Post” button. 2. Return to **Step 2**.   User does not want to post the information   1. User clicks on “Return”. 2. The system displays a message “Do you want to discard the post?” with two options “Yes” or “No”   2a. User chooses “Yes”  2a.1 - The Use Case will end when the system returns to the previous page.  2b. User chooses “No”  2b.1 - Go to **Step 3**  Error - Cannot post the information   1. The system cannot store the data of the post for some reason. 2. The system displays an error message “There was an error. Please try again.” for 2 seconds. 3. Return to **Step 3** |
| **Post-conditions** | The post is stored in the waitlist for the admin to preview. |
| **Business Rules** | All the pets’ information should be true and precise so people can purchase or adopt the animals. |
| **Author and Date** | Vo Tran Khanh Linh  April 21, 2022 |

| **Use Case Name** | **Buy / Adopt pets** |
| --- | --- |
| **Version** | 1.0 |
| **Goal** | Successfully make notification of purchase or adoption between users. |
| **Summary** | This is an extension of: Posts pets for purchase and adoption  This process includes the interaction between two users: One user who has the desire to buy or adopt the pet takes the action and another user who had posted the pets’ profile for purchase/adoption will be notified by the system. |
| **Primary Actors** | User |
| **Secondary Actor** | User |
| **Preconditions** | At least one post about a pet’s information has been posted for purchase/adoption. |
| **Trigger** | User clicks on the “View post” button of the particular pet’s profile post that the user might want to buy or adopt. |
| **Basic Course of Events** | 1. The system displays the pet’s information. 2. User clicks on the “heart” button as the user wants to buy/ adopt the pet 3. The system shows a message “Successfully, we will notify the owner soon!” for 2 seconds. 4. The system sends an email to the user who wrote the post to notify there was a person who wants to adopt or purchase the pet. 5. The Use Case will end when the user successfully “heart” the pet’s profile and this action has been notified to the owner of the post. |
| **Alternative Paths** | User does not want to purchase/adopt that pet or want to view another post   1. User clicks on “Return”. 2. The Use Case will end when the app returns to the page that shows all the posts.   Error - User cannot “heart” the profile   1. The system cannot perform the process for some reason. 2. The system displays an error message “There was an error, please try again!” for 2 seconds. 3. Return to **Step 2** |
| **Post-conditions** | User who wants to buy or adopt the pet can contact the user who posted the pets’ information for sale or adoption. |
| **Business Rules** | User just makes these actions if that user really wants to buy or adopt the pet. “Joking” or “Making for fun” reason is prohibited. |
| **Author and Date** | Vo Tran Khanh Linh  April 21, 2022 |

| **Use Case Name** | **Filter posts** |
| --- | --- |
| **Version** | 1.0 |
| **Goal** | Successfully filter out the untruthful posts. |
| **Summary** | The admin looks over the posts and decided whether the post is qualified to be posted or not. |
| **Primary Actors** | Admin |
| **Secondary Actor** |  |
| **Preconditions** | There should be some posts on the waitlist that need to be filtered by the admin. |
| **Trigger** | Admin clicks on a particular post to preview it. |
| **Basic Course of Events** | 1. The system displays the post’s content and the two options at the end: “Accept” or “Decline”. 2. The admin examines the truthfulness of the post. 3. The admin chooses the “Accept” option if he or she agrees that the post’s correctness is verified. 4. The Use Case will end when the post is displayed successfully. |
| **Alternative Paths** | Post is not qualified to be displayed   1. Following step 1 and step 2 of the Use Case 2. The admin chooses the “Decline” option. 3. The system deletes the post. 4. The system notifies the user that the post has been deleted due to the verification process. 5. The Use Case will end when the post is deleted and the user has received the email about the post’s removal. |
| **Post-conditions** | FIltered out all the inappropriate posts and display the qualified posts with truthful information. |
| **Business Rules** | None |
| **Author and Date** | Vo Tran Khanh Linh  April 21, 2022 |