| **Use Case Name** | **Post pets’ information** |
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| **Version** | 1.0 |
| **Goal** | To successfully upload the pets’ information |
| **Summary** | Users input the pets’ profile and post them to the app so that others can view and buy or adopt the pets. |
| **Primary Actors** | User |
| **Secondary Actor** |  |
| **Preconditions** | The user should have the pets’ information in order to post it. |
| **Trigger** | User selects “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 “Post” button. 4. The system stores all the data to the database. 5. The system displays a message “Post successfully!” for 2 seconds. 6. Post is displayed on the app. 7. Return to main page. 8. End of Use Case. |
| **Alternative Paths** | User does not enter all required information   1. The system displays a message “Please fill in all the required fields!” after user clicks on “Post” button. 2. Return to **Step 2**.   User does not want to post the information   1. User clicks on “Return”. 2. The system display a message “Do you want to discard the post?” with two options “Yes” or “No”   2a. User chooses “Yes”  2a.1 - The system return to the previous page.  2a.2 - End of Use Case.  2b. User chooses “No”  2b.1 - Go to **Step 3**  Error - Post cannot be displayed   1. The system cannot store the data to display the post for some reason. 2. The system displays an error message “Post unsuccessfully!” for 2 seconds. 3. Return to **Step 1** |
| **Post-conditions** | The post is displayed on the app and available for other users to view and make the purchase / adoption process. |
| **Business Rules** | All the pets’ information should be true and precise so people can purchase or adopt the animals. |
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| **Use Case Name** | **Buy / Adopt pets** |
| --- | --- |
| **Version** | 1.0 |
| **Goal** | Successfully make a 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 take the action and another user who had posted the pets’ profile for purchase/adoption will be notified by the system. |
| **Primary Actors** | User that wants to buy/adopt pets |
| **Secondary Actor** | User that post the pets’ information for purchase/adoption |
| **Preconditions** | At least one post about 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 click 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 sents an email for the user who wrote the post to notify that there was a person who want to adopt or purchase the pet. 5. End of Use Case. |
| **Alternative Paths** | User does not want to purchase/adopt that pet or want to view another post   1. User clicks on “Return”. 2. The app return to the page that shows all the posts. 3. End of Use Case.   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 want 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 want to buy or adopt the pet. “Joking” or “Making for fun” reason is prohibited. |
| **Author and Date** | Vo Tran Khanh Linh  April 20, 2022 |