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**Pseudocode for Pet BAG**

Check-in process

START

Define max number of available spaces for dogs and for cats

Define all the spaces for each (Dogs, Cats) from 1 to max available spaces (30 dogs & 12 cats)

Define all information that is required to be collected at check-in

Output question “Is your pet a cat or a dog?”

Get user input either “dog” or “cat”

Check and determine the available/ empty spaces in that group

IF available spaces = yes/ available THEN

MOVE to next step

ELSE

OUTPUT no available spaces

ENDIF

OUTPUT a question “Are you a returning customer?”

GET user input either “yes” or “no”

IF input = “no” THEN

INPUT collect defined required info (dog/ cat, pet name & age, weight, grooming notes)

ENDIF

OUTPUT question for user: “How many days will the pet stay?”

GET user input, number of days stayed

IF pet is a “dog” and number of days stayed is 2 or more

THEN:

OUTPUT question: “Would you like your pet to be groomed?”

GET INPUT from user either “yes” or “no”

IF “yes” THEN

ADD grooming into collected information

ELIF “no”

MOVE to next step

ENDIF

ELSE:

MOVE to next step

ENDIF

DEFINE what spaces are available

OUTPUT the available spaces

OUTPUT question: “Which space would you like your pet to be assigned with?”

GET INPUT from user with number that is available as free space

CONFIRM the form and the order

END

**FLOWCHART for Pet BAG**

A picture containing scatter chart

Description automatically generatedLink to the flowchart on Lucidchart: <https://lucid.app/lucidchart/9f4aa7e3-7bda-43e6-95f1-5b2314c50653/edit?invitationId=inv_418d53a7-f541-4309-8d01-45ea2d059867>