Armon Wilson

Module 1: Pseudocode & Flowchart

**Pseudocode:**

Pet Check In:

PROMPT the user to enter the pet's name.

PROMPT the user to enter the pet's type (dog or cat).

IF there is available boarding space for the pet's type:

IF the pet is a dog:

IF the number of occupied dog spaces is less than the maximum allowed dog spaces.

CONTINUE

ELSE:

OUTPUT “no vacancy” and END

IF the pet is a new customer.

OBTAIN the required information.

ELSE:

OBTAIN and verify information as needed.

OBTAIN the user’s length of stay.

IF the length of stay is two or more days

OBTAIN if the owner wants grooming.

ELSE:

Continue

ASSIGN the dog to a space and mark it as occupied.

OUTPUT a confirmation message.

IF the pet is a cat:

IF the number of occupied cat spaces is less than the maximum allowed dog spaces.

CONTINUE

ELSE:

OUTPUT “no vacancy” and END

IF the pet is a new customer.

OBTAIN the required information.

ELSE:

OBTAIN and verify information as needed.

OBTAIN the user’s length of stay.

ASSIGN the cat to a space and mark it as occupied.

OUTPUT a confirmation message.

Diagram

Description automatically generated