**1-6 Milestone: Pseudocode and Flowchart**

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START

SET count dog spaces to 30

SET count cat spaces to 12

SET total spaces to 0

WHILE dog spaces > 0 OR cat spaces > 0

ENTER pet type

IF the pet type is “dog” AND count dog spaces > 0

SET pet type

GET pet name

SET pet name

GET pet age

SET pet age

ENTER grooming

OUTPUT “Grooming selected.”

IF grooming is TRUE

GET length of stay

IF length of stay >= 2

SET length of stay

ELSE

OUTPUT “Length of stay must be at least two days.”

END IF

SET count = dog spaces - 1

ELSE

GET length of stay

SET length of stay

SET count = dog spaces - 1

END IF

ELSE IF pet type is “cat” AND count cat spaces > 0

SET pet type

GET pet name

SET pet name

GET pet age

SET page age

GET length of stay

SET length of stay

SET count = cat spaces – 1

ELSE

OUTPUT “Invalid entry. Enter valid pet type.”

END IF

OUTPUT “Pet Type:” + pet type

OUTPUT “Pet Name:” + pet name

OUTPUT “Pet Age:” + pet age

OUTPUT “Length of stay:” + length of stay

ENTER returning pet

IF returning pet TRUE

GET updated information

OUTPUT updated information

END IF

END WHILE

