Project #3 - Castro

Xcode - MacOS Monterey

File Directory:
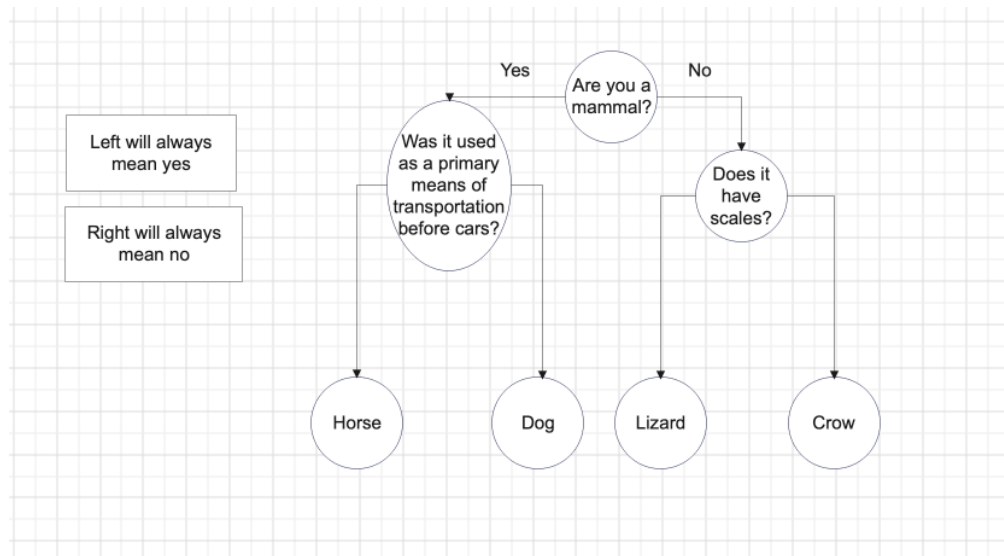
main.cpp

animalTree.cpp

animalTree.hpp

Data.txt

Concept Diagram:

Test Case Results:

```
Welcome to the 20 questions style animal guessing game!
You will now be asked a series of questions to determine what animal you are thinking of.

Is it a mammal?
y
Was it used as a primary means of transportation before cars?
n
Is your animal a Dog?   y
Play again?
y
sh: CLS: command not found
Is it a mammal?
y
Was it used as a primary means of transportation before cars?
y
Is your animal a Horse? y
Play again?
y
sh: CLS: command not found
Is it a mammal?
y
Was it used as a primary means of transportation before cars?
n
Is your animal a Dog?   y
Play again?
y
sh: CLS: command not found
Is it a mammal?
n
Does it have scales?
y
Is your animal a Lizard?    y
Play again?
y
sh: CLS: command not found
Is it a mammal?
n
Does it have scales?
y
Is your animal a Lizard?    n
I give up. What animal are you thinking of?
Crocodile
Now, please type a yes/no question that will distinguish a Crocodile from a Lizard
Does it live in swamps?
Updated successfully

Do you want to play again?
y
sh: CLS: command not found
Is it a mammal?
n
Does it have scales?
n
Does it live in swamps?
y
Is your animal a Crocodile? y
Play again?
n
Thank you for teaching me a thing or two.
Program ended with exit code: 0
```